

冲奶机(cn) 标准状态集

可下发指令的状态

code	名称
switch	开关
water_set	水位设置
powder_set	粉量设置
temp_set	温度设置
concentration_set	浓度选择
milking	一键冲奶
water	一键喝水
disinfection	消毒
child_lock	童锁开关
forced_water	强制出水
boiling	沸腾
regularly_remind	定时提醒
countdown_set	倒计时

只上报的状态

code	名称	数据类型	取值约束	说明
temp_current	当前温度	Integer	{"unit":"°C","min":0,"max":100,"scale":0,"step":1}	
work_state	工作状态	Enum	{"range":["standby","milking","water"]}	
countdown_left	倒计时剩余时间	Integer	{"unit":"min","min":0,"max":360,"scale":0,"step":1}	

冲奶机(cn) 标准指令集

code	名称	数据类型	取值约束	说明
switch	开关	Boolean	{}	
water_set	水位设置	Integer	{"unit":"ml","min":0,"max":500,"scale":0,"step":1}	
powder_set	粉量设置	Integer	{"unit":"g","min":0,"max":200,"scale":0,"step":1}	
temp_set	温度设置	Integer	{"unit":"°C","min":40,"max":60,"scale":0,"step":1}	
concentration_set	浓度选择	Enum	{"range":["13","14","15","16","17","18"]}	
milking	一键冲奶	Boolean	{}	
water	一键喝水	Boolean	{}	
disinfection	消毒	Boolean	{}	
child_lock	童锁开关	Boolean	{}	
forced_water	强制出水	Boolean	{}	

code	名称	数据类型	取值约束	说明
boiling	沸腾	Boolean	{}	
regularly_remind	定时提醒	Boolean	{}	
countdown_set	倒计时	Enum	{"range":["cancel","1h","2h","3h","4h","5h","6h"]}	

咖啡机(kfj) 标准状态集

可下发指令的状态

code	名称
pause	暂停/继续
cup_number	杯数选择
concentration_set	浓度选择
material	材料选择
mode	模式
water_set	水位设置
temp_set	温度设置
cleaning	保洁
warm_time	保温时间
warm	保温
start	启动/停止
switch	开关

只上报的状态

code	名称	数据类型	取值约束	说明
work_state	工作状态	Enum	{"range":["standby","cooking","done","grinding","keep_warm","water_falling","timing"]}	
water_current	当前水量	Integer	{"unit":"ml","min":0,"max":500,"scale":0,"step":1}	
temp_current	当前温度	Integer	{"unit":"°C","min":0,"max":100,"scale":0,"step":1}	
warm_left	保温剩余时间	Integer	{"unit":"min","min":0,"max":1440,"scale":0,"step":1}	
countdown_left	预约剩余时间	Integer	{"unit":"min","min":0,"max":1440,"scale":0,"step":1}	

咖啡机(kfj) 标准指令集

code	名称	数据类型	取值约束	说明
pause	暂停/继续	Boolean	{}	
cup_number	杯数选择	Enum	{"range":["1","2","3","4","5","6","7","8","9","10","11","12"]}	
concentration_set	浓度选择	Enum	{"range":["regular","middle","bold"]}	
material	材料选择	Enum	{"range":["bean","powder"]}	
mode	模式	Enum	{"range":["espresso","americano","machiatto","caffe_latte","cafe_mocha","cappuccino"]}	

code	名称	数据类型	取值约束	说明
water_set	水位设置	Integer	{"unit":"ml","min":0,"max":500,"scale":0,"step":1}	
temp_set	温度设置	Integer	{"unit":"°C","min":0,"max":100,"scale":0,"step":1}	
cleaning	保洁	Boolean	{}	
warm_time	保温时间	Integer	{"unit":"min","min":0,"max":1440,"scale":0,"step":1}	
warm	保温	Boolean	{}	
start	启动/停止	Boolean	{}	
switch	开关	Boolean	{}	

智能电茶壶(bh) 标准状态集

可下发指令的状态

code	名称
start	启动
temp_setting_quick_c	加热到目标温度快捷键（°C）
temp_setting_quick_f	加热到目标温度快捷键（°F）
temp_boiling_quick_c	沸腾后冷却到目标温度快捷键（°C）
temp_boiling_quick_f	沸腾后冷却到目标温度快捷键（°F）
temp_set	温度设置-°C
temp_set_f	温度设置-°F
temp_boiling_c	沸腾后冷却到目标温度（°C）
temp_boiling_f	沸腾后冷却到目标温度（°F）
temp_unit_convert	温标切换
warm	保温
warm_time	保温时间
work_type	工作类型
countdown	倒计时

只上报的状态

code	名称	数据类型	取值约束
temp_current	当前温度-°C	Integer	{"unit":"°C","min":0,"max":100,"scale":0,"step":1}
temp_current_f	当前温度-°F	Integer	{"unit":"°F","min":32,"max":212,"scale":0,"step":1}
status	设备状态	Enum	{"range":["standby","heating","cooling","warm","heating_temp","boiling_temp","reserve_1","reserve_2","reser
countdown_left	倒计时剩余时间	Integer	{"unit":"min","min":0,"max":720,"scale":0,"step":1}

智能电茶壶(bh) 标准指令集

code	名称	数据类型	取值约束	说明
start	启动	Boolean	{}	
temp_setting_quick_c	加热到目标温度快捷键（°C）	Enum	{"range":["50","65","85","90"]}	
temp_setting_quick_f	加热到目标温度快捷键（°F）	Enum	{"range":["122","149","185","194","212"]}	
temp_boiling_quick_c	沸腾后冷却到目标温度快捷键（°C）	Enum	{"range":["50","65","85","90","100"]}	
temp_boiling_quick_f	沸腾后冷却到目标温度快捷键（°F）	Enum	{"range":["122","149","185","194","212"]}	
temp_set	温度设置-°C	Integer	{"unit":"°C","min":0,"max":100,"scale":0,"step":1}	
temp_set_f	温度设置-°F	Integer	{"unit":"°F","min":32,"max":212,"scale":0,"step":1}	
temp_boiling_c	沸腾后冷却到目标温度（°C）	Integer	{"unit":"°C","min":0,"max":100,"scale":0,"step":1}	
temp_boiling_f	沸腾后冷却到目标温度（°F）	Integer	{"unit":"°F","min":32,"max":212,"scale":0,"step":1}	
temp_unit_convert	温标切换	Enum	{"range":["c","f"]}	
warm	保温	Boolean	{}	
warm_time	保温时间	Integer	{"unit":"min","min":0,"max":360,"scale":0,"step":1}	
work_type	工作类型	Enum	{"range":["setting_quick","boiling_quick","temp_setting","temp_boiling"]}	
countdown	倒计时	Integer	{"unit":"min","min":0,"max":720,"scale":0,"step":1}	

可下发指令的状态

code	名称
light	小夜灯
disinfection_time	消毒时间
Appointment_time	预约时间
volume_set	奶量设置
temp_set	温度设置
material	材料选择
mode	模式
switch	开关

只上报的状态

code	名称	数据类型	取值约束
work_state	工作状态	Enum	{"range":["standby","Appointment","bottle_warm","fast_bottle_warm","disinfection","baby_food","warm"]}
countdown_left	倒计时剩余时间	Integer	{"unit":"min","min":0,"max":2880,"scale":0,"step":1}
temp_current	实时温度	Integer	{"unit":"°C","min":0,"max":100,"scale":0,"step":1}

暖奶器(nnq) 标准指令集

code	名称	数据类型	取值约束	说明
light	小夜灯	Boolean	{}	
disinfection_time	消毒时间	Integer	{"unit":"min","min":0,"max":100,"scale":0,"step":1}	
Appointment_time	预约时间	Integer	{"unit":"min","min":0,"max":2880,"scale":0,"step":1}	
volume_set	奶量设置	Integer	{"unit":"ml","min":0,"max":300,"scale":0,"step":1}	
temp_set	温度设置	Integer	{"unit":"°C","min":37,"max":100,"scale":0,"step":1}	
material	材料选择	Enum	{"range":["ppus","glass","silicone"]}	
mode	模式	Enum	{"range":["bottle_warm","fast_bottle_warm","disinfection","baby_food"]}	
switch	开关	Boolean	{}	

面包机(mb) 标准状态集

可下发指令的状态

code	名称
weight	面包重量
countdown_set	倒计时
warm_time	保温时间
cook_time	烹饪时间
child_lock	童锁开关
step	工作步骤
stir	搅拌
bkcolor	烤色
mode	烹饪模式
start	启动/停止
switch	开关
pause	暂停/继续

只上报的状态

code	名称	数据类型	取值约束	说明
countdown_left	倒计时剩余时间	Integer	{"unit":"min","min":0,"max":360,"scale":0,"step":1}	
remain_time	剩余时间	Integer	{"unit":"min","min":0,"max":360,"scale":0,"step":1}	
status	设备状态	Enum	{"range":["cooking","warming","pause"]}	

面包机(mb) 标准指令集

code	名称	数据类型	取值约束
weight	面包重量	Integer	{"unit":"g","min":0,"max":10000,"scale":0,"step":1}

code	名称	数据类型	取值约束
countdown_set	倒计时	Enum	{"range":["cancel","1h","2h","3h","4h","5h","6h"]}
warm_time	保温时间	Integer	{"unit":"min","min":0,"max":360,"scale":0,"step":1}
cook_time	烹饪时间	Integer	{"unit":"min","min":0,"max":360,"scale":0,"step":1}
child_lock	童锁开关	Boolean	{}
step	工作步骤	Enum	{"range":["step1","step2","step3"]}
stir	搅拌	Boolean	{}
bkcolor	烤色	Boolean	{}
mode	烹饪模式	Enum	{"range":["toast","sweet_bread","wheat_bread","rice_bread","fruit_bread","fast_bread","dough","fermented_dough",'
start	启动/ 停止	Boolean	{}
switch	开关	Boolean	{}
pause	暂停/ 继续	Boolean	{}

植物生长机(sz) 标准状态集

可下发指令的状态

code	名称
switch	开关
pump	水泵开关
light	灯光
level	水分等级
bright_value	灯光亮度
countdown_set	倒计时

只上报的状态

code	名称	数据类型	取值约束	说明
humidity_current	当前湿度	Integer	{"unit":"%","min":0,"max":100,"scale":0,"step":1}	
temp_current	当前温度	Integer	{"unit":"°C","min":0,"max":100,"scale":0,"step":1}	
countdown_left	倒计时剩余时间	Integer	{"unit":"min","min":0,"max":180,"scale":0,"step":1}	

植物生长机(sz) 标准指令集

code	名称	数据类型	取值约束	说明
switch	开关	Boolean	{}	
pump	水泵开关	Boolean	{}	
light	灯光	Boolean	{}	

code	名称	数据类型	取值约束	说明
level	水分等级	Enum	{"range":["level_1","level_2","level_3"]}	
bright_value	灯光亮度	Integer	{"min":10,"max":1000,"scale":0,"step":1}	
countdown_set	倒计时	Enum	{"range":["cancel","1h","2h","3h"]}	

按摩椅(amy) 标准状态集

可下发指令的状态

code	名称
switch	开关
time_set	时间设置
heat	加热
aircell_speed	气囊按摩档位
massage_speed	按摩速度
aircell_location	气囊按摩位置
ball_location	按摩球位置间距
foot_control	脚底滚轮调节
bottom_control	腿部调节
back_control	椅背调节
gravity_control	零重力调节
manual_mode	手动模式
auto_mode	自动模式

只上报的状态

code	名称	数据类型	取值约束	说明
work_state	工作状态	Enum	{"range":["sleep","work"]}	
countdown_left	倒计时剩余时间	Integer	{"unit":"min","min":0,"max":1800,"scale":0,"step":1}	

按摩椅(amy) 标准指令集

code	名称	数据类型	取值约束
switch	开关	Boolean	{}
time_set	时间设置	Integer	{"unit":"min","min":0,"max":500,"scale":0,"step":1}
heat	加热	Boolean	{}
aircell_speed	气囊按摩档位	Enum	{"range":["level_1","level_2","level_3","level_4","level_5"]}
massage_speed	按摩速度	Enum	{"range":["level_1","level_2","level_3"]}
aircell_location	气囊按摩位置	Enum	{"range":["leg","arm","hip","leg_hip","leg_hip_arm","all","close"]}
ball_location	按摩球位置间距	Enum	{"range":["narrow","middle","wide"]}

code	名称	数据类型	取值约束
foot_control	脚底滚轮调节	Boolean	{}
bottom_control	腿部调节	Enum	{"range":["stop","up","down"]}
back_control	椅背调节	Enum	{"range":["stop","up","down"]}
gravity_control	零重力调节	Enum	{"range":["gravity_adjust1","gravity_adjust2","gravity_adjust3","reset"]}
manual_mode	手动模式	Enum	{"range":["pinch","beat","knock","shiatsu","tuina","close"]}
auto_mode	自动模式	Enum	{"range":["female_health","male_health","elderly_health","help_sleep","shoulder_relax","back_relax","waist_re

宠物弹射喂食器(cwtswsq) 标准状态集

可下发指令的状态

code	名称
switch	开关
switch_ejection	发射开关
ejection_number	弹射次数

只上报的状态

code	名称	数据类型	取值约束	说明
battery_percentage	电池电量百分比	Integer	{"unit": "%", "min": 0, "max": 100, "scale": 0, "step": 1}	
surplus_grain	粮桶余粮	Integer	{"unit": "%", "min": 0, "max": 100, "scale": 0, "step": 1}	

宠物弹射喂食器(cwtswsq) 标准指令集

code	名称	数据类型	取值约束	说明
switch	开关	Boolean	{}	
switch_ejection	发射开关	Boolean	{}	
ejection_number	弹射次数	Enum	{"range":["1","2","3"]}	

宠物喂食器(cwwsq) 标准状态集

可下发指令的状态

code	名称
switch	开关
voice_times	语音播放次数
light	灯光
meal_plan	喂食计划

code	名称
quick_feed	一键喂食
manual_feed	手动喂食
unit	单位转换
slow_feed	慢放喂食
export_calibrate	出粮校准
weight_calibrate	余粮校准
factory_reset	恢复出厂设置

只上报的状态

code	名称	数据类型	数据类型	说明
feed_report	喂食结果上报	Integer	ro	{"unit":"","min":0,"max":12,"scale":0,"step":1}
surplus_grain	粮桶余粮	Integer	ro	{"unit":"%","min":0,"max":100,"scale":0,"step":1}
weight	余粮重量	Integer	ro	{"unit":"g","min":0,"max":10000,"scale":0,"step":1}
battery_percentage	电池电量	Integer	ro	{"unit":"%","min":0,"max":100,"scale":0,"step":1}
feed_state	喂食状态	Enum	ro	{"range":["standby","feeding","done"]}
export_state	出粮校准状态	Enum	ro	{"range":["true","false"]}
charge_state	充电状态	Boolean	ro	{}
cover_state	喂食盖状态	Enum	ro	{"range":["on","off"]}

宠物喂食器(cwwsq) 标准指令集

code	名称	数据类型	数据类型	说明
switch	开关	Boolean	rw	{}
voice_times	语音播放次数	Integer	rw	{"unit":"","min":0,"max":10,"scale":0,"step":1}
light	灯光	Boolean	rw	{}
meal_plan	喂食计划	Raw	rw	{}
quick_feed	一键喂食	Boolean	rw	{}
manual_feed	手动喂食	Integer	rw	{"unit":"","min":1,"max":12,"scale":0,"step":1}
unit	单位转换	Enum	rw	{"range":["cup","oz","grid"]}
slow_feed	慢放喂食	Boolean	rw	{}
export_calibrate	出粮校准	Boolean	rw	{}
weight_calibrate	余粮校准	Boolean	rw	{}
factory_reset	恢复出厂设置	Boolean	rw	{}

扫地机器人(sd) 标准状态集

可下发指令的状态

code	名称
power	开关
voice_switch	声音开关
power_go	清扫开关
mode	工作模式
direction_control	清扫方向
suction	吸力选择
reset_edge_brush	边刷重置
reset_roll_brush	滚刷重置
reset_filter	滤网重置
seek	寻找机器

只上报的状态

code	名称	数据类型	取值描述
electricity_left	剩余电量	Integer	{ "unit": "%", "min": 0, "max": 100, "scale": 0, "step": 1 }
clean_area	清扫面积	Integer	{ "unit": "m²", "min": 0, "max": 9999, "scale": 0, "step": 1 }
clean_time	清扫时间	Integer	{ "unit": "min", "min": 0, "max": 9999, "scale": 0, "step": 1 }
edge_brush	边刷寿命	Integer	{ "unit": "%", "min": 0, "max": 100, "scale": 0, "step": 1 }
roll_brush	滚刷寿命	Integer	{ "unit": "%", "min": 0, "max": 100, "scale": 0, "step": 1 }
filter	滤网寿命	Integer	{ "unit": "%", "min": 0, "max": 100, "scale": 0, "step": 1 }
status	设备状态	Enum	{ "range": ["standby", "smart_clean", "wall_clean", "spot_clean", "mop_clean", "goto_charge", "charging", "charge_done", "p
clean_record	清扫记录	String	{ "maxlen": 255 }

status

"standby": 待机
"smart_clean": 自动清扫/智能清扫
"wall_clean": 沿墙清扫/沿边清扫
"spot_clean": 局部清扫/定点清扫
"mop_clean": 拖地

"goto_charge": 充电
"charging": 回充中/充电中
"charge_done": 充电完成
"paused": 暂停

扫地机器人(sd) 标准指令集

code	名称	数据类型	取值描述
power	开关	Boolean	{ }
voice_switch	声音开关	Boolean	{ }
power_go	清扫开关	Boolean	{ }

code	名称	数据类型	取值描述
mode	工作模式	Enum	{"range": ["standby","random","smart","wall_follow","mop","spiral","left_spiral","right_spiral","right_bow","left_bow"]}
direction_control	清扫方向	Enum	{"range":["forward","backward","turn_left","turn_right","stop"]}
suction	吸力选择	Enum	{"range":["strong","normal","quiet"]}
reset_edge_brush	边刷重置	Boolean	{}
reset_roll_brush	滚刷重置	Boolean	{}
reset_filter	滤网重置	Boolean	{}
seek	寻找机器	Boolean	{}

mode

"standby":待机
"random":随机
"smart":智能/自动
"wall_follow":沿墙清扫/沿边清扫
"mop":拖地

"spiral":螺旋/定点
"left_spiral":左螺旋
"right_spiral":右螺旋
"right_bow":右弓形
"left_bow":左弓形

"partial_bow":局部弓形
"chargego":回充

浴霸(yb) 标准状态集

可下发指令的状态

code	名称
heat	取暖
switch	开关
light1	照明灯1
light2	照明灯2
temp_set	温度设置
mode	模式
fan_direction	风向
countdown	倒计时
swing	风摆
drying	干燥
child_lock	童锁开关
blowing	吹风
ventilation	换气
fan_speed_enum	风速

code	名称
colour_data	彩光
bright_value	亮度值
work_mode	模式
temp_value	冷暖值

只上报的状态

code	名称	数据类型	数据类型	说明
temp_current	当前温度	Integer	{"unit":"°C","min":0,"max":50,"scale":0,"step":1}	
countdown_left	倒计时剩余时间	Integer	{"unit":"min","min":0,"max":360,"scale":0,"step":1}	

浴霸(yb) 标准指令集

code	名称	数据类型	数据类型	说明
heat	取暖	Boolean	rw	{}
switch	开关	Boolean	rw	{}
light1	照明灯1	Boolean	rw	{}
light2	照明灯2	Boolean	rw	{}
temp_set	温度设置	Integer	rw	{"unit":"°C","min":25,"max":42,"scale":0,"step":1}
mode	模式	Enum	rw	{"range":["heating_strong","heating_low","ventilation_strong","ventilation_low","cold_dry","cold_dry_strong","cold_dry_low","hot_dry","hot_dry_strong","hot_dry_low","off"]}
fan_direction	风向	Enum	rw	{"range":["fixed","cycle"]}
countdown	倒计时	Integer	rw	{"unit":"min","min":1,"max":360,"scale":0,"step":1}
swing	风摆	Boolean	rw	{}
drying	干燥	Boolean	rw	{}
child_lock	童锁开关	Boolean	rw	{}
blowing	吹风	Boolean	rw	{}
ventilation	换气	Boolean	rw	{}
fan_speed_enum	风速	Enum	rw	{"range":["closed","low","middle","high","auto"]}
colour_data	彩光	Json	rw	{}
bright_value	亮度值	Integer	rw	{"unit":"","min":10,"max":1000,"scale":0,"step":1}
work_mode	模式	Enum	rw	{"range":["white","colour","scene","music","mix_rgbcw"]}
temp_value	冷暖值	Integer	rw	{"unit":"","min":0,"max":1000,"scale":0,"step":1}

电热毯(dr) 标准状态集

可下发指令的状态

code	名称
switch	开关
temp_set	温度设置
mode	模式
eco	ECO模式
child_lock	童锁开关
anion	负离子
light	灯光
countdown_set	倒计时

只上报的状态

code	名称	数据类型	数据类型	说明
temp_current	当前温度	Integer	{"unit":"°C","min":0,"max":50,"scale":0,"step":1}	
countdown_left	倒计时剩余时间	Integer	{"unit":"min","min":0,"max":360,"scale":0,"step":1}	

code	名称	数据类型	数据类型	说明
switch	开关	Boolean	{}	
temp_set	温度设置	Integer	{"unit":"°C","min":10,"max":45,"scale":0,"step":1}	
mode	模式	Enum	{"range":["high","middle","low"]}	
eco	ECO模式	Boolean	{}	
child_lock	童锁开关	Boolean	{}	
anion	负离子	Boolean	{}	
light	灯光	Boolean	{}	
countdown_set	倒计时	Enum	{"range":["cancel","1h","2h","3h","4h","5h","6h"]}	

可下发指令的状态

code	名称
uv_runtime	UV运行时间
uv	UV杀菌
pump_reset	水泵重置
filter_reset	滤芯复位
water_reset	用水重置
bright_value	指示灯亮度
switch	开关

只上报的状态

code	名称	数据类型	取值约束	说明
water_level	水位档位	Enum	{"range":["level_1","level_2","level_3","level_4"]}	

code	名称	数据类型	取值约束	说明
tds_out	TDS值	Integer	{"unit":"","min":0,"max":1000,"scale":0,"step":1}	
pump_time	水泵时长	Integer	{"unit":"min","min":0,"max":86400,"scale":0,"step":1}	
filter_life	滤芯时长	Integer	{"unit":"min","min":0,"max":43200,"scale":0,"step":1}	
water_time	用水时长	Integer	{"unit":"min","min":0,"max":7200,"scale":0,"step":1}	

宠物饮水机(cwysj) 标准指令集

code	名称	数据类型	取值约束	说明
uv_runtime	UV运行时间	Integer	{"unit":"s","min":0,"max":10800,"scale":0,"step":1}	
uv	UV杀菌	Boolean	{}	
pump_reset	水泵重置	Boolean	{}	
filter_reset	滤芯复位	Boolean	{}	
water_reset	用水重置	Boolean	{}	
bright_value	指示灯亮度	Integer	{"unit":"","min":0,"max":4,"scale":0,"step":1}	
switch	开关	Boolean	{}	

风扇(fs) 标准状态集

可下发指令的状态

code	名称
switch	风扇开关
mode	模式
fan_speed_percent	无极风速
switch_vertical	上下摆风开关
switch_horizontal	左右摆风开关
fan_vertical	上下摆风角度
fan_horizontal	左右摆风角度
fan_direction	风向
anion	负离子
humidifier	加湿
oxygen	氧吧
fan_cool	冷风
fan_beep	声音
child_lock	童锁开关
light	灯光开关
bright_value	亮度值
temp_value	冷暖值

code	名称
work_mode	灯光模式
temp	温度设置
colour_data	彩光值
fan_speed	档位风速
countdown	倒计时
countdown_set	倒计时设置

只上报的状态

code	名称	数据类型	取值约束	说明
temp_current	当前温度	Integer	{"unit":"°C","min":0,"max":50,"scale":0,"step":1}	
countdown_left	倒计时剩余时间	Integer	{"unit":"min","min":0,"max":360,"scale":0,"step":1}	

风扇(fs) 标准指令集

code	名称	数据类型	取值约束	说明
switch	风扇开关	Boolean	{}	
mode	模式	Enum	{"range":["nature","sleep","fresh","smart"]}	
fan_speed_percent	无极风速	Integer	{"min":1,"max":100,"scale":0,"step":1}	
switch_vertical	上下摆风开关	Boolean	{}	
switch_horizontal	左右摆风开关	Boolean	{}	
fan_vertical	上下摆风角度	Enum	{"range":["30","60","90"]}	
fan_horizontal	左右摆风角度	Enum	{"range":["30","60","90"]}	
fan_direction	风向	Enum	{"range":["forward","reverse"]}	
anion	负离子	Boolean	{}	
humidifier	加湿	Boolean	{}	
oxygen	氧吧	Boolean	{}	
fan_cool	冷风	Boolean	{}	
fan_beep	声音	Boolean	{}	
child_lock	童锁开关	Boolean	{}	
light	灯光开关	Boolean	{}	
bright_value	亮度值	Integer	{"min":10,"max":1000,"scale":0,"step":1}	
temp_value	冷暖值	Integer	{"min":0,"max":1000,"scale":0,"step":1}	
work_mode	灯光模式	Enum	{"range":["white","colour","colourful"]}	
temp	温度设置	Integer	{"unit":"°C","min":0,"max":50,"scale":0,"step":1}	
colour_data	彩光值	Json	{}	老版本
fan_speed	档位风速	Enum	{"range":["1","2","3","4"]}	老版本
countdown	倒计时	Enum	{"range":["0","1","2","3","4","5","6"]}	老版本

code	名称	数据类型	取值约束	说明
countdown_set	倒计时设置	Enum	{"range":["cancel","1h","2h","3h","4h","5h","6h"]}	

暖通器(ntq) 标准状态集

可下发指令的状态

code	名称
switch	总开关
switch_gate	闸门开关
high_limit_temp	高温保护参数
anti_freeze_temp	防冻参数设置
sewage_interval_time	排污间隔时间
sewage_time	排污时间设置
outlet_temp_calibration	回水温度校正
inlet_temp_calibration	进水温度校正

只上报的状态

code	名称	数据类型	取值约束	说明
sewage_left_time_sec	排污剩余时间(秒)	Integer	{"unit":"s","min":0,"max":590,"scale":0,"step":1}	
sewage_left_time_min	排污剩余时间(分钟)	Integer	{"unit":"min","min":0,"max":300,"scale":0,"step":1}	
interval_left_time_min	排污间隔剩余时间(分钟)	Integer	{"unit":"min","min":0,"max":590,"scale":0,"step":1}	
interval_left_time_hour	排污间隔剩余时间(小时)	Integer	{"unit":"hour","min":0,"max":230,"scale":0,"step":1}	
interval_left_time_day	排污间隔剩余时间(天)	Integer	{"unit":"day","min":0,"max":300,"scale":0,"step":1}	
outlet_temp	回水口温度	Integer	{"unit":"°C","min":-990,"max":990,"scale":0,"step":1}	
inlet_temp	进水口温度	Integer	{"unit":"°C","min":-990,"max":990,"scale":0,"step":1}	

暖通器(ntq) 标准指令集

code	名称	数据类型	取值约束	说明
switch	总开关	Boolean	{}	
switch_gate	闸门开关	Boolean	{}	
high_limit_temp	高温保护参数	Integer	{"unit":"°C","min":500,"max":950,"scale":1,"step":10}	
anti_freeze_temp	防冻参数设置	Integer	{"unit":"°C","min":20,"max":80,"scale":0,"step":10}	
sewage_interval_time	排污间隔时间	Integer	{"unit":"day","min":0,"max":300,"scale":0,"step":10}	
sewage_time	排污时间设置	Integer	{"unit":"min","min":50,"max":300,"scale":0,"step":10}	
outlet_temp_calibration	回水温度校正	Integer	{"unit":"°C","min":-50,"max":50,"scale":0,"step":10}	
inlet_temp_calibration	进水温度校正	Integer	{"unit":"°C","min":-50,"max":50,"scale":0,"step":10}	

净水器(js) 标准状态集

可下发指令的状态

code	名称
switch	开关
temp_set_mode	水温模式
cbpa_filter_reset	CBPA复位
pp_filter_reset	PP复位
cto_filter_reset	CTO复位
ro_filter_reset	RO复位
child_lock	童锁开关
hotwater_lock	热水解锁
switch_flow	取水开关
uv	UV杀菌
water_reset	用水量重置
temp_set	温度设置
flow_set	设置取水杯量
desalting_rate	脱盐率
flow	设置取水杯量(快捷)

只上报的状态

code	名称	数据类型	取值约束	说明
status	设备状态	Enum	{"range":["purified","heating","waterintake"]}	
water_total	耗水总量	Integer	{"unit":"L","min":0,"max":100000,"scale":0,"step":1}	
temp_current	当前温度	Integer	{"unit":"°C","min":0,"max":100,"scale":0,"step":1}	
cbpa_filtrtime	CBPA	Integer	{"unit":"%", "min":0,"max":100,"scale":0,"step":1}	
ro_filtrtime	RO寿命	Integer	{"unit":"%", "min":0,"max":100,"scale":0,"step":1}	
cto_filtrtime	CTO寿命	Integer	{"unit":"%", "min":0,"max":100,"scale":0,"step":1}	
pp_filtrtime	PP寿命	Integer	{"unit":"%", "min":0,"max":100,"scale":0,"step":1}	
tds_in	原水TDS值	Integer	{"min":0,"max":999,"scale":0,"step":1}	
tds_out	净水TDS值	Integer	{"min":0,"max":999,"scale":0,"step":1}	
pp_filtrtime_day	PP寿命(天)	Integer	{"unit":"day", "min":0,"max":366,"scale":0,"step":1}	
cto_filtrtime_day	CTO寿命(天)	Integer	{"unit":"day", "min":0,"max":366,"scale":0,"step":1}	
ro_filtrtime_day	RO寿命(天)	Integer	{"unit":"day", "min":0,"max":366,"scale":0,"step":1}	
cbpa_filtrtime_day	CBPA(天)	Integer	{"unit":"day", "min":0,"max":366,"scale":0,"step":1}	

净水器(js) 标准指令集

code	名称	数据类型	取值约束	说明
switch	开关	Boolean	{}	
temp_set_mode	水温模式	Enum	{"range":["coffee","milk","boiled_water","water"]}	
cbpa_filter_reset	CBPA复位	Boolean	{}	
pp_filter_reset	PP复位	Boolean	{}	
cto_filter_reset	CTO复位	Boolean	{}	
ro_filter_reset	RO复位	Boolean	{}	
child_lock	童锁开关	Boolean	{}	
hotwater_lock	热水解锁	Boolean	{}	
switch_flow	取水开关	Boolean	{}	
uv	UV杀菌	Boolean	{}	
water_reset	用水量重置	Boolean	{}	
temp_set	温度设置	Integer	{"unit":"°C","min":0,"max":100,"scale":0,"step":1}	
flow_set	设置取水杯量	Integer	{"unit":"ml","min":100,"max":1000,"scale":0,"step":1}	
desalting_rate	脱盐率	Integer	{"unit":"%","min":0,"max":100,"scale":0,"step":1}	
flow	设置取水杯量(快捷)	Enum	{"range":["continue","100ml","200ml","300ml"]}	

窗帘(ci) 标准状态集

可下发指令的状态

code	名称
control	控制
percent_control	开启百分比控制
mode	工作模式
control_back_mode	电机反转模式
auto_power	自动开启
countdown_set	倒计时(新)
position	窗帘位置
opposite	反向设置
mach_operate	开关
countdown	倒计时
control_back	换向操作

只上报的状态

code	名称	数据类型	取值约束	说明
percent_state	开启百分比状态	Integer	{"unit":"%","min":0,"max":100,"scale":0,"step":1}	
work_state	工作状态	Enum	{"range":["opening","closing"]}	

code	名称	数据类型	取值约束	说明
countdown_left	倒计时剩余时间	Integer	{"unit":"s","min":0,"max":86400,"scale":0,"step":1}	
time_total	全程运行时间	Integer	{"unit":"ms","min":0,"max":120000,"scale":0,"step":1}	
situation_set	位置状态	Enum	{"range":["fully_open","fully_close"]}	

窗帘(cl) 标准指令集

code	名称	数据类型	取值约束	说明
control	控制	Enum	{"range":["open","stop","close","continue"]}	
percent_control	开启百分比控制	Integer	{"unit":"%","min":0,"max":100,"scale":0,"step":1}	
mode	工作模式	Enum	{"range":["morning","night"]}	
control_back_mode	电机反转模式	Enum	{"range":["forward","back"]}	
auto_power	自动开启	Boolean	{}	
countdown_set	倒计时(新)	Enum	{"range":["cancel","1h","2h","3h","4h"]}	
position	窗帘位置	String	{"unit":"%","min":0,"max":100,"scale":0,"step":5}	老版本
opposite	反向设置	Boolean	{}	老版本
mach_operate	开关	Enum	{"range":["ZZ","FZ","STOP"]}	老版本
countdown	倒计时	Enum	{"range":["cancel","1","2","3","4","5","6"]}	老版本
control_back	换向操作	Boolean	{}	老版本

香薰机(xxj) 标准状态集

可下发指令的状态

code	名称
switch	总开关
switch_spray	喷雾开关
mode	喷雾模式(雾量)
countdown	喷雾倒计时
switch_led	灯光开关
work_mode	灯光模式
colour_data_hsv	彩光值hsv设置
bright_value	亮度值
bright_value_v2	亮度值
switch_sound	声音开关
level	喷雾档位
moodlighting	氛围灯
colour_data	彩光值

只上报的状态

code	名称	数据类型	取值约束	说明
countdown_left	喷雾倒计时剩余时间	Integer	{ "unit": "min", "min": 0, "max": 360, "scale": 0, "step": 1 }	

香薰机(xxj) 标准指令集

code	名称	数据类型	取值约束	
switch	总开关	Boolean	{ }	
switch_spray	喷雾开关	Boolean	{ }	
mode	喷雾模式(雾量)	Enum	{ "range": ["large", "middle", "small", "interval", "continuous"] }	
countdown	喷雾倒计时	Enum	{ "range": ["cancel", "1", "2", "3", "4", "5", "6"] }	
switch_led	灯光开关	Boolean	{ }	
work_mode	灯光模式	Enum	{ "range": ["white", "colour", "colourful1"] }	
colour_data_hsv	彩光值hsv设置	Json	{ }	
bright_value	亮度值	Integer	{ "unit": "", "min": 0, "max": 255, "scale": 0, "step": 1 }	
bright_value_v2	亮度值	Integer	{ "unit": "", "min": 0, "max": 1000, "scale": 0, "step": 1 }	
switch_sound	声音开关	Boolean	{ }	
level	喷雾档位	Enum	{ "range": ["level_1", "level_2", "level_3", "level_4", "level_5", "level_6", "level_7", "level_8", "level_9", "level_10"] }	
moodlighting	氛围灯	Enum	{ "range": ["1", "2", "3", "4", "5"] }	
colour_data	彩光值	Integer	{ "min": 0, "unit": "", "scale": 0, "max": 255, "step": 1 }	

colour_data_hsv

以hsv的形式控制的颜色变化。
h [0~360]
s [0~255]
v [0~255]

```
{
  "commands": [
    {
      "code": "colour_data_hsv",
      "value": {
        "h": 37,
        "s": 255,
        "v": 188
      }
    }
  ]
}
```

空调控制器(ktkzq) 标准状态集

可下发指令的状态

code	名称
switch	开关
temp_set	设置温度
mode	工作模式
fan_speed_enum	风速档位
windspeed	风速

只上报的状态

code	名称	数据类型	取值约束	说明
temp_current	当前温度	Integer	{ "unit": "°C", "min": -20, "max": 50, "scale": 0, "step": 1 }	

空调控制器(ktkzq) 标准指令集

code	名称	数据类型	取值约束	说明
switch	开关	Boolean	{ }	
temp_set	设置温度	Integer	{ "unit": "°C", "min": 0, "max": 40, "scale": 0, "step": 1 }	
mode	工作模式	Enum	{ "range": ["hot", "cold", "wet", "wind"] }	
fan_speed_enum	风速档位	Enum	{ "range": ["level_1", "level_2", "level_3", "level_4"] }	
windspeed	风速	Enum	{ "range": ["1", "2", "3", "4", "5", "6"] }	老版本

mode

工作模式

"cold": 制冷模式
"hot": 加热模式
"wet": 除湿模式
"wind": 送风模式

```
{
  "commands": [
    {
      "code": "mode",
      "value": "wind"
    }
  ]
}
```

fan_speed_enum

风速档位

"level_1": 1档
"level_2": 2档
"level_3": 3档
"level_4": 4档

```
{
  "commands": [
    {
      "code": "fan_speed_enum",
      "value": "level_1"
    }
  ]
}
```

取暖器(qn) 标准状态集

可下发指令的状态

code	名称
switch	开关
temp_set	目标温度C
mode	模式
level	档位
mode_eco	ECO模式
lock	童锁
shake	摇头
anion	负离子
light	灯光
countdown	倒计时
countdown_set	倒计时
c_f	温标切换
temp_unit_convert	温标切换设置
temp_set_f	设置温度F

只上报的状态

code	名称	数据类型	数据类型	说明
temp_current	当前温度C	Integer	{"unit": "°C", "min": -20, "max": 50, "scale": 0, "step": 1}	
countdown_left	倒计时剩余时间	Integer	{"unit": "s", "min": 0, "max": 86400, "scale": 0, "step": 1}	
work_state	工作状态	Enum	{"range": ["heating", "warming"]}	
work_power	当前功率	Enum	{"unit": "w", "min": 0, "max": 5000, "scale": 1, "step": 1}	
temp_current_f	当前温度F	Integer	{"unit": "°F", "min": -4, "max": 122, "scale": 0, "step": 1}	

取暖器(qn) 标准指令集

code	名称	数据类型	数据类型	说明
switch	开关	Boolean	{}	

code	名称	数据类型	数据类型	说明
temp_set	目标温度C	Integer	{"unit":"°C","min":0,"max":50,"scale":0,"step":1}	
mode	模式	Enum	{"range":["smart","auto"]}	
level	档位	Enum	{"range":["1","2","3"]}	
mode_eco	ECO模式	Boolean	{}	
lock	童锁	Boolean	{}	
shake	摇头	Boolean	{}	
anion	负离子	Boolean	{}	
light	灯光	Boolean	{}	
countdown	倒计时	Enum	{"range":["cancel","1","2","3","4","5","6"]}	老版本
countdown_set	倒计时	Enum	{"range":["cancel","1h","2h","3h","4h","5h","6h"]}	
c_f	温标切换	Enum	{"range":["C","F"]}	老版本
temp_unit_convert	温标切换设置	Enum	{"range":["c","f"]}	
temp_set_f	设置温度F	Integer	{"unit":"°F","min":32,"max":104,"scale":0,"step":1}	

晾衣架(Iyj) 标准状态集

可下发指令的状态

code	名称
switch	开关
control	设备控制
light	灯光
disinfection	消毒
wind_dry	风干
hot_dry	烘干
disinfection_set	消毒倒计时设置
hot_dry_set	烘干倒计时设置
anion_set	负离子倒计时设置
wind_dry_set	风干倒计时设置
anion	负离子
position	位置

只上报的状态

code	名称	数据类型	数据类型	说明
disinfect_left	消毒剩余时间	Integer	{"unit":"min","min":0,"max":720,"scale":0,"step":1}	
wind_left	风干剩余时间	Integer	{"unit":"min","min":1,"max":720,"scale":0,"step":1}	
hot_left	烘干剩余时间	Integer	{"unit":"min","min":1,"max":720,"scale":0,"step":1}	

code	名称	数据类型	数据类型	说明
anion_left	负离子剩余时间	Integer	{"unit":"min","min":0,"max":720,"scale":0,"step":1}	
work_state	工作状态	Enum	{"range":["up","down","stop"]}	

晾衣架(lyj) 标准指令集

code	名称	数据类型	数据类型	说明
switch	开关	Boolean	{}	
control	设备控制	Enum	{"range":["up","down","stop"]}	
light	灯光	Boolean	{}	
disinfection	消毒	Boolean	{}	
wind_dry	风干	Boolean	{}	
hot_dry	烘干	Boolean	{}	
disinfection_set	消毒倒计时设置	Enum	{"range":["1h","2h","3h","4h","5h","6h","7h","8h","9h","10h","11h","12h","cancel"]}	
hot_dry_set	烘干倒计时设置	Enum	{"range":["1h","2h","3h","4h","5h","6h","7h","8h","9h","10h","11h","12h","cancel"]}	
anion_set	负离子倒计时设置	Enum	{"range":["1h","2h","3h","4h","5h","6h","7h","8h","9h","10h","11h","12h","cancel"]}	
wind_dry_set	风干倒计时设置	Enum	{"range":["1h","2h","3h","4h","5h","6h","7h","8h","9h","10h","11h","12h","cancel"]}	
anion	负离子	Boolean	{}	
position	位置	Integer	{"unit":"%","min":0,"max":100,"scale":0,"step":1}	

温控器(wk) 标准状态集

可下发指令的状态

code	名称
switch	开关
mode	工作模式
eco	ECO模式
anion	负离子
light	灯光
sound	声音
factory_reset	恢复出厂设置
window_check	开窗检测
sleep	睡眠功能
frost	防霜冻功能
valve_check	阀门检测
switch_vertical	上下摆风开关
switch_horizontal	左右摆风开关
fan_horizontal	左右摆风角度

code	名称
fan_vertical	上下摆风角度
temp_set	温度设置
temp_set_f	目标温度_F
upper_temp_f	设置温度上限_F
upper_temp	设置温度上限
lower_temp_f	设置温度下限_F
capacity_set	功率设置
lower_temp	设置温度下限
temp_correction	温度校准
level	档位
work_days	工作日设置
holiday_temp_set	假日模式温度设置
holiday_temp_set_f	假日模式华氏度温度设置
holiday_days_set	假日模式天数设置
holiday_set	假日模式时间设置
child_lock	童锁
countdown	倒计时
sensor_choose	传感器选择
backlight	背光亮度
backlight_enum	背光亮度快捷设置
temp_unit_convert	温标切换设置
c_f	温标切换

只上报的状态

code	名称	数据类型	数据类型
work_state	工作状态	Enum	{"range":["cold","hot","wind","comfortable","energy","auto","holiday","eco","manual","sleep","dry","progr
work_power	当前功率	Integer	{"unit":"W","min":0,"max":5000,"scale":0,"step":1}
temp_current	当前温度	Integer	{"unit":"°C","min":0,"max":50,"scale":0,"step":1}
window_state	窗户状态	Enum	{"range":["close","open"]}
temp_current_f	当前温度_F	Integer	{"unit":"°F","min":-4,"max":122,"scale":0,"step":1}
valve_state	阀门状态	Enum	{"range":["open","close"]}
countdown_left	倒计时剩余时间	Integer	{"unit":"min","min":0,"max":1440,"scale":0,"step":1}
battery_percentage	电池电量	Integer	{"unit":"%","min":0,"max":100,"scale":0,"step":1}
humidity	湿度显示	Integer	{"unit":"%","min":0,"max":100,"scale":0,"step":1}

温控器(wk) 标准指令集

code	名称	数据类型	数据类型
switch	开关	Boolean	{}
mode	工作模式	Enum	{"range":["cold","hot","wind","comfortable","energy","auto","holiday","eco","manual","sleep","dry","program","floor_heat","auxiliary_heat"]}
eco	ECO模式	Boolean	{}
anion	负离子	Boolean	{}
light	灯光	Boolean	{}
sound	声音	Boolean	{}
factory_reset	恢复出厂设置	Boolean	{}
window_check	开窗检测	Boolean	{}
sleep	睡眠功能	Boolean	{}
frost	防霜冻功能	Boolean	{}
valve_check	阀门检测	Boolean	{}
switch_vertical	上下摆风开关	Boolean	{}
switch_horizontal	左右摆风开关	Boolean	{}
fan_horizontal	左右摆风角度	Enum	{"range":["30","90"]}
fan_vertical	上下摆风角度	Enum	{"range":["30","90"]}
temp_set	温度设置	Integer	{"unit":"°C","min":5,"max":40,"scale":0,"step":1}
temp_set_f	目标温度_F	Integer	{"unit":"°F","min":32,"max":104,"scale":0,"step":1}
upper_temp_f	设置温度上限_F	Integer	{"unit":"°F","min":70,"max":104,"scale":0,"step":1}
upper_temp	设置温度上限	Integer	{"unit":"°C","min":20,"max":40,"scale":0,"step":1}
lower_temp_f	设置温度下限_F	Integer	{"unit":"°F","min":32,"max":70,"scale":0,"step":1}
capacity_set	功率设置	Enum	{"range":["2000W","3000W","5000W"]}
lower_temp	设置温度下限	Integer	{"unit":"°C","min":0,"max":20,"scale":0,"step":1}
temp_correction	温度校准	Integer	{"min":-9,"max":9,"scale":0,"step":1}
level	档位	Enum	{"range":["low","middle","high","auto","closed"]}
work_days	工作日设置	Enum	{"range":["5_2","6_1","7"]}
holiday_temp_set	假日模式温度设置	Integer	{"unit":"°C","min":0,"max":40,"scale":0,"step":1}
holiday_temp_set_f	假日模式华氏度温度设置	Integer	{"unit":"°F","min":32,"max":104,"scale":0,"step":1}
holiday_days_set	假日模式天数设置	Integer	{"unit":"day","min":0,"max":99,"scale":0,"step":1}
holiday_set	假日模式时间设置	String	{"maxlen": 255}
child_lock	童锁	Boolean	{}
countdown	倒计时	Enum	{"range":["cancel","1h","2h","3h","4h","5h","6h","7h","8h","9h","10h","11h","12h","13h","14h","15h"]}
sensor_choose	传感器选择	Enum	{"range":["in","out"]}
backlight	背光亮度	Integer	{"unit":"%","min":0,"max":100,"scale":0,"step":1}
backlight_enum	背光亮度快捷设置	Enum	{"range":["closed","half_bright","full_bright"]}
temp_unit_convert	温标切换设置	Enum	{"range":["c","f"]}
c_f	温标切换	Enum	{"range":["C","F"]}

沙发(sf) 标准状态集

可下发指令的状态

code	名称
switch	开关
mode	工作模式
stop	暂停
head_run	头部电机行程
whole_run	整体电机行程
child_lock	童锁
lie_low	一键平躺

沙发(sf) 标准指令集

code	名称	数据类型	取值约束	说明
switch	开关	Boolean	{}	
mode	工作模式	Enum	{"range":["reading","music","tv","lying","sitting","movie"]}	
stop	暂停	Boolean	{}	
head_run	头部电机行程	Integer	{"unit":"%","min":0,"max":100,"scale":0,"step":1}	
whole_run	整体电机行程	Integer	{"unit":"%","min":0,"max":100,"scale":0,"step":1}	
child_lock	童锁	Boolean	{}	
lie_low	一键平躺	Boolean	{}	

加湿器(jsq) 标准状态集

可下发指令的状态

code	名称
switch	总开关
switch_spray	喷雾开关
mode	喷雾模式(雾量)
spray_mode	喷雾模式(调节)
level	喷雾档位
countdown_set	喷雾倒计时设置
switch_led	灯光开关
work_mode	灯光模式
colour_data_hsv	彩光值hsv设置
bright_value	亮度值

code	名称
switch_sound	声音开关
temp_set	温度设置
temp_set_f	温度设置_F
humidity_set	湿度设置
sleep	睡眠功能
temp_unit_convert	温标切换设置
sterilization	除菌
countdown	喷雾倒计时
colour_data	彩光值
bright_value_v2	亮度值
c_f	温标切换
moodlighting	氛围灯

只上报的状态

code	名称	数据类型	取值约束	说明
countdown_left	喷雾倒计时剩余时间	Integer	{"unit":"min","min":0,"max":360,"scale":0,"step":1}	
temp_current	当前温度	Integer	{"unit":"°C","min":0,"max":50,"scale":0,"step":1}	
temp_current_f	当前温度_F	Integer	{"unit":"°F","min":0,"max":100,"scale":0,"step":1}	
humidity_current	当前湿度	Integer	{"unit":"%","min":0,"max":100,"scale":0,"step":1}	
level_current	当前水位	Integer	{"unit":"level","min":1,"max":5,"scale":0,"step":1}	

加湿器(jsq) 标准指令集

code	名称	数据类型	取值约束
switch	总开关	Boolean	{}
switch_spray	喷雾开关	Boolean	{}
mode	喷雾模式(雾量)	Enum	{"range":["large","middle","small","interval","continuous"]}
spray_mode	喷雾模式(调节)	Enum	{"range":["auto","health","baby","sleep","humidity","work"]}
level	喷雾档位	Enum	{"range":["level_1","level_2","level_3","level_4","level_5","level_6","level_7","level_8","level_9","level_10"]}
countdown_set	喷雾倒计时设置	Enum	{"range":["cancel","1h","2h","3h","4h","5h","6h"]}
switch_led	灯光开关	Boolean	{}
work_mode	灯光模式	Enum	{"range":["white","colour","colourful1"]}
colour_data_hsv	彩光值hsv设置	Json	{}
bright_value	亮度值	Integer	{"unit":"","min":0,"max":255,"scale":0,"step":1}
switch_sound	声音开关	Boolean	{}
temp_set	温度设置	Integer	{"unit":"°C","min":0,"max":50,"scale":0,"step":1}

code	名称	数据类型	取值约束
temp_set_f	温度设置_F	Integer	{"unit":"°F","min":0,"max":100,"scale":0,"step":1}
humidity_set	湿度设置	Integer	{"unit":"%","min":0,"max":100,"scale":0,"step":1}
sleep	睡眠功能	Boolean	{}
temp_unit_convert	温标切换设置	Enum	{"range":["c","f"]}
sterilization	除菌	Boolean	{}
countdown	喷雾倒计时	Enum	{"range":["cancel","1","2","3","4","5","6"]}
colour_data	彩光值	Integer	{"min":0,"unit":"","scale":0,"max":255,"step":1}
bright_value_v2	亮度值	Integer	{"unit":"","min":0,"max":1000,"scale":0,"step":1}
c_f	温标切换	Enum	{"range":["C","F"]}
moodlighting	氛围灯	Enum	{"range":["1","2","3","4","5"]}

colour_data_hsv

以hsv的形式控制的颜色变化。
h [0~360]
s [0~255]
v [0~255]

```
{
  "commands": [
    {
      "code": "colour_data_hsv",
      "value": {
        "h": 37,
        "s": 255,
        "v": 188
      }
    }
  ]
}
```

空调(kt) 标准状态集

可下发指令的状态

code	名称
switch	开关
temp_set	设置温度
temp_set_f	设置华氏温度
mode	工作模式
windspeed	档位风速
fan_speed_enum	风速模式
mode_auto	自动模式
mode_eco	ECO模式
mode_dry	干燥模式

code	名称
mode_ventilation	换气模式
anion	负离子
heat	辅热
light	灯光
lock	童锁
windshake	风摆
beep	蜂鸣
humidity_set	设置湿度
temp_unit_convert	温标,华氏度, 摄氏度切换新
countdown_set	倒计时新
c_f	温标,华氏度, 摄氏度切换
countdown	倒计时

只上报的状态

code	名称	数据类型	取值约束	说明
temp_current	当前温度	Integer	{ "min":-20,"scale":0,"unit":"°C","max":100,"step":1}	
temp_current_f	当前摄氏温度	Integer	{ "unit":"°F","min":-40,"max":200,"scale":0,"step":1}	
work_status	工作状态新	Enum	{ "range":["heating","cooling","ventilation","off"]}	
humidity_current	当前湿度	Integer	{ "min":0,"scale":0,"unit":"%","max":100,"step":1}	
countdown_left	倒计时剩余时间	Integer	{ "min":0,"scale":0,"unit":"min","max":360,"step":1}	
status	工作状态	Enum	{ "range":["1","2","3","off"]}	老版本

空调(kt) 标准指令集

code	名称	数据类型	取值约束	说明
switch	开关	Boolean	{}	
temp_set	设置温度	Integer	{ "min":0,"unit":"°C","scale":0,"max":50,"type":"value","step":1}	
temp_set_f	设置华氏温度	Integer	{ "unit":"°F","min":0,"max":100,"scale":0,"step":1}	
mode	工作模式	Enum	{ "range":["auto","cold","hot","wet","wind","eco"]}	
windspeed	档位风速	Enum	{ "range":["1","2","3","4","5","6"]}	
fan_speed_enum	风速模式	Enum	{ "range":["low","mid","high","auto","strong"]}	
mode_auto	自动模式	Boolean	{}	
mode_eco	ECO模式	Boolean	{}	
mode_dry	干燥模式	Boolean	{}	
mode_ventilation	换气模式	Boolean	{}	
anion	负离子	Boolean	{}	
heat	辅热	Boolean	{}	

code	名称	数据类型	取值约束	说明
light	灯光	Boolean	{}	
lock	童锁	Boolean	{}	
windshake	风摆	Enum	{"range":["horizontal","vertical"]}	
beep	蜂鸣	Boolean	{}	
humidity_set	设置湿度	Integer	{"min":0,"unit":"%","scale":0,"max":100,"type":"value","step":1}	
temp_unit_convert	温标,华氏度, 摄氏度切换新	Enum	{"range":["c","f"]}	
countdown_set	倒计时新	Enum	{"range":["cancel","1h","2h","3h","4h","5h","6h"]}	
c_f	温标,华氏度, 摄氏度切换	Enum	{"range":["C","F"]}	老版本
countdown	倒计时	Enum	{"range":["cancel","1","2","3","4","5","6"]}	老版本

空气净化器(kj) 标准状态集

可下发指令的状态

code	名称
switch	开关
mode	模式
speed	风速档位
fan_speed_enum	风速模式
anion	净离子
lock	童锁
light	灯光
uv	UV杀菌
wet	加湿
filter_reset	滤芯复位
countdown_set	倒计时设置
countdown	倒计时

只上报的状态

code	名称	数据类型	数据类型	说明
filter	滤芯使用率	Integer	{"unit":"%","min":0,"max":100,"scale":0,"step":1}	
pm25	PM2.5	Integer	{"unit":"","min":0,"max":999,"scale":0,"step":1}	
temp	室内温度	Integer	{"unit":"°C","min":-20,"max":50,"scale":0,"step":1}	
humidity	室内湿度	Integer	{"unit":"%","min":0,"max":100,"scale":0,"step":1}	
tvoc	TVOC	Integer	{"unit":"ppm","min":0,"max":1000,"scale":0,"step":1}	
eco2	eCO2	Integer	{"unit":"ppm","min":0,"max":5000,"scale":0,"step":1}	
filter_days	滤芯剩余天数	Integer	{"unit":"day","min":0,"max":1000,"scale":0,"step":1}	

code	名称	数据类型	数据类型	说明
total_time	累计运行时间	Integer	{"unit":"min","min":0,"max":5256000,"scale":0,"step":1}	
total_pm	累计吸收颗粒	Integer	{"unit":"mg","min":0,"max":10000000,"scale":0,"step":1}	
countdown_left	倒计时剩余时间	Integer	{"unit":"min","min":0,"max":360,"scale":0,"step":1}	
air_quality	室内空气质量	Enum	{"range":["great","mild","good","medium","severe"]}	

空气净化器(kj) 标准指令集

code	名称	数据类型	数据类型	说明
switch	开关	Boolean	{}	
mode	模式	Enum	{"range":["auto","sleep","manual","pollen","comfortable","strong"]}	
speed	风速档位	Enum	{"range":["1","2","3","4","5","6"]}	
fan_speed_enum	风速模式	Enum	{"range":["sleep","low","mid","high","auto"]}	
anion	净离子	Boolean	{}	
lock	童锁	Boolean	{}	
light	灯光	Boolean	{}	
uv	UV杀菌	Boolean	{}	
wet	加湿	Boolean	{}	
filter_reset	滤芯复位	Boolean	{}	
countdown_set	倒计时	Enum	{"range":["cancel","1h","2h","3h","4h","5h"]}	
countdown	倒计时	Enum	{"range":["cancel","1","2","3","4","5","6"]}	老版本

除湿机(cs) 标准状态集

可下发指令的状态

code	名称
countdown_set	倒计时
child_lock	童锁开关
sleep	睡眠功能
uv	UV杀菌
heat	加热
light	灯光
anion	负离子
defrost	除霜
swing	摆风
mode	模式
fan_speed_enum	风速
dehumidify_set_enum	设定除湿值(枚举型)

code	名称
dehumidify_set_value	设定除湿值(数值型)
switch	开关

只上报的状态

code	名称	数据类型	取值约束	说明
countdown_left	倒计时剩余时间	Integer	{"unit":"min","min":0,"max":1440,"scale":0,"step":1}	
pm25	PM2.5	Integer	{"min":0,"max":999,"scale":0,"step":1}	
temp_indoor	室内温度	Integer	{"unit":"°C","min":0,"max":100,"scale":0,"step":1}	
humidity_indoor	室内湿度	Integer	{"unit":"%","min":0,"max":100,"scale":0,"step":1}	

除湿机(cs) 标准指令集

code	名称	数据类型	取值约束	说明
switch	开关	Boolean	{}	
countdown_set	倒计时	Enum	{"range":["cancel","1h","2h","3h"]}	
child_lock	童锁开关	Boolean	{}	
sleep	睡眠功能	Boolean	{}	
uv	UV杀菌	Boolean	{}	
heat	加热	Boolean	{}	
light	灯光	Boolean	{}	
anion	负离子	Boolean	{}	
defrost	除霜	Boolean	{}	
swing	摆风	Boolean	{}	
mode	模式	Enum	{"range":["dehumidify","drying","continuous"]}	
fan_speed_enum	风速	Enum	{"range":["low","mid","high"]}	
dehumidify_set_enum	设定除湿值(枚举型)	Enum	{"range":["10","20","30","40","50"]}	
dehumidify_set_value	设定除湿值(数值型)	Integer	{"unit":"%","min":35,"max":80,"scale":0,"step":5}	

灌溉器(ggq) 标准状态集

可下发指令的状态

code	名称
switch	开关
start	启动
countdown	倒计时
temp_unit_convert	温标切换

只上报的状态

code	名称	数据类型	取值约束	说明
countdown_left	倒计时剩余时间	Integer	{ "unit": "min", "min": 0, "max": 1440, "scale": 0, "step": 1 }	
temp_current	当前温度	Integer	{ "unit": "°C", "min": -50, "max": 50, "scale": 0, "step": 1 }	
humidity_current	当前湿度	Integer	{ "unit": "%", "min": 0, "max": 100, "scale": 0, "step": 1 }	
water_current	当前水量	Integer	{ "unit": "L", "min": 0, "max": 100, "scale": 0, "step": 1 }	
rain_sensor_state	降雨传感器状态	Enum	{ "range": ["rain", "no_rain"] }	
battery_percentage	主电池电量	Integer	{ "unit": "%", "min": 0, "max": 100, "scale": 0, "step": 1 }	
rain_battery_percentage	降雨传感器电量	Integer	{ "unit": "%", "min": 0, "max": 100, "scale": 0, "step": 1 }	
temp_hum_battery_percentage	温湿度传感器电量	Integer	{ "unit": "%", "min": 0, "max": 100, "scale": 0, "step": 1 }	
water_total	耗水总量	Integer	{ "unit": "L", "min": 0, "max": 999999, "scale": 0, "step": 1 }	

灌溉器(ggq) 标准指令集

code	名称	数据类型	取值约束	说明
switch	开关	Boolean	{ }	
start	启动	Boolean	{ }	
countdown	倒计时	Integer	{ "unit": "min", "min": 0, "max": 1440, "scale": 0, "step": 1 }	
temp_unit_convert	温标切换	Enum	{ "range": ["c", "f"] }	

宠物网球发射器(cwwqfsq) 标准状态集

可下发指令的状态

code	名称
switch	开关
level	档位

只上报的状态

code	名称	数据类型	取值约束	说明
battery_percentage	电池电量百分比	Integer	{ "unit": "%", "min": 0, "max": 100, "scale": 0, "step": 1 }	

宠物网球发射器(cwwqfsq) 标准指令集

code	名称	数据类型	取值约束	说明
switch	开关	Boolean	{ }	
level	档位	Enum	{ "range": ["level_1", "level_2", "level_3"] }	

门窗控制器(推窗器)(mc) 标准状态集

可下发指令的状态

code	名称
countdown_set	倒计时
auto_power	自启动开关
mode	模式
percent_control	开启百分比控制
anti_theft	防盗提醒
charge_switch	充电开关
close_reminder	忘关提醒
control	设备控制
countdown	倒计时

只上报的状态

code	名称	数据类型	取值约束	说明
time_total	全程运行时间	Integer	{"unit":"ms","min":0,"max":120000,"scale":0,"step":1}	
countdown_left	倒计时剩余时间	Integer	{"unit":"s","min":0,"max":86400,"scale":0,"step":1}	
percent_state	开启百分比状态	Integer	{"unit":"%","min":0,"max":100,"scale":0,"step":1}	
residual_electricity	剩余电量	Integer	{"unit":"%","min":0,"max":100,"scale":0,"step":1}	
status	开合状态	Enum	{"range":["opened","closed"]}	

门窗控制器(推窗器)(mc) 标准指令集

code	名称	数据类型	取值约束	说明
countdown_set	倒计时	Enum	{"range":["cancel","1h","2h","3h","4h"]}	
auto_power	自启动开关	Boolean	{}	
mode	模式	Enum	{"range":["morning","night"]}	
percent_control	开启百分比控制	Integer	{"unit":"%","min":0,"max":100,"scale":0,"step":1}	
anti_theft	防盗提醒	Boolean	{}	
charge_switch	充电开关	Boolean	{}	
close_reminder	忘关提醒	Boolean	{}	
control	设备控制	Enum	{"range":["open","stop","close"]}	
countdown	倒计时	Enum	{"range":["cancel","1","2","3","4","5","6"]}	老版本

插卡取电开关(ckqdkg) 标准状态集

可下发指令的状态

code	名称
switch_1	开关1
timer_cut	拔卡断电延时时间设置

只上报的状态

code	名称	数据类型	取值描述	说明
card_status_report	插卡取卡状态上报	Boolean	{}	

插卡取电开关(ckqdkg) 标准指令集

code	名称	数据类型	取值描述	说明
switch_1	开关1	Boolean	{}	
timer_cut	拔卡断电延时时间设置	Integer	{"unit":"s","min":0,"max":180,"scale":0,"step":1}	

车库门控制器(ckmkzq) 标准状态集

可下发指令的状态

code	名称
countdown_alarm	推送告警延时倒计时
tr_timecon	开关门行程周期时间
countdown_1	车库门开关倒计时
switch_1	车库门开关
switch_alarm_sound	报警声开关

只上报的状态

code	名称	数据类型	取值描述	说明
doorcontact_state	门磁状态	Boolean	{}	

车库门控制器(ckmkzq) 标准指令集

code	名称	数据类型	取值描述	说明
countdown_alarm	推送告警延时倒计时	Integer	{"unit":"s","min":0,"max":86400,"scale":0,"step":1}	
tr_timecon	开关门行程周期时间	Integer	{"unit":"s","min":10,"max":120,"scale":0,"step":1}	
countdown_1	车库门开关倒计时	Integer	{"unit":"s","min":0,"max":86400,"scale":0,"step":1}	
switch_1	车库门开关	Boolean	{}	
switch_alarm_sound	报警声开关	Boolean	{}	

开关-插座-排插(kg,cz,pc) 标准状态集

可下发指令的状态

code	名称
switch	开关
switch_1	开关1
switch_2	开关2
switch_3	开关3
switch_4	开关4
switch_5	开关5
switch_6	开关6
countdown_1	开关1倒计时
countdown_2	开关2倒计时
countdown_3	开关3倒计时
countdown_4	开关4倒计时
countdown_5	开关5倒计时
countdown_6	开关6倒计时
switch_usb1	USB1
switch_usb2	USB2
switch_usb3	USB3
switch_usb4	USB4
switch_usb5	USB5
switch_usb6	USB6
countdown_usb1	USB1倒计时
countdown_usb2	USB2倒计时
countdown_usb3	USB3倒计时
countdown_usb4	USB4倒计时
countdown_usb5	USB5倒计时
countdown_usb6	USB6倒计时
child_lock	童锁
relay_status	上电状态设置
light_mode	指示灯状态设置
switch_backlight	背光开关

只上报的状态

code	名称	数据类型	取值描述	说明
cur_current	当前电流	Integer	{"unit": "mA", "min": 0, "max": 30000, "scale": 0, "step": 1}	

code	名称	数据类型	取值描述	说明
cur_power	当前功率	Integer	{"unit":"W","min":0,"max":50000,"scale":0,"step":1}	
cur_voltage	当前电压	Integer	{"unit":"V","min":0,"max":50000,"scale":1,"step":1}	

开关-插座-排插(kg,cz,pc) 标准指令集

code	名称	数据类型	取值描述	说明
switch	开关	Boolean	{}	
switch_1	开关1	Boolean	{}	
switch_2	开关2	Boolean	{}	
switch_3	开关3	Boolean	{}	
switch_4	开关4	Boolean	{}	
switch_5	开关5	Boolean	{}	
switch_6	开关6	Boolean	{}	
countdown_1	开关1倒计时	Integer	{"unit":"s","min":0,"max":86400,"scale":0,"step":1}	
countdown_2	开关2倒计时	Integer	{"unit":"s","min":0,"max":86400,"scale":0,"step":1}	
countdown_3	开关3倒计时	Integer	{"unit":"s","min":0,"max":86400,"scale":0,"step":1}	
countdown_4	开关4倒计时	Integer	{"unit":"s","min":0,"max":86400,"scale":0,"step":1}	
countdown_5	开关5倒计时	Integer	{"unit":"s","min":0,"max":86400,"scale":0,"step":1}	
countdown_6	开关6倒计时	Integer	{"unit":"s","min":0,"max":86400,"scale":0,"step":1}	
switch_usb1	USB1	Boolean	{}	
switch_usb2	USB2	Boolean	{}	
switch_usb3	USB3	Boolean	{}	
switch_usb4	USB4	Boolean	{}	
switch_usb5	USB5	Boolean	{}	
switch_usb6	USB6	Boolean	{}	
countdown_usb1	USB1倒计时	Integer	{"unit":"s","min":0,"max":86400,"scale":0,"step":1}	
countdown_usb2	USB2倒计时	Integer	{"unit":"s","min":0,"max":86400,"scale":0,"step":1}	
countdown_usb3	USB3倒计时	Integer	{"unit":"s","min":0,"max":86400,"scale":0,"step":1}	
countdown_usb4	USB4倒计时	Integer	{"unit":"s","min":0,"max":86400,"scale":0,"step":1}	
countdown_usb5	USB5倒计时	Integer	{"unit":"s","min":0,"max":86400,"scale":0,"step":1}	
countdown_usb6	USB6倒计时	Integer	{"unit":"s","min":0,"max":86400,"scale":0,"step":1}	
child_lock	童锁	Boolean	{}	
relay_status	上电状态设置	Enum	{"range":["power_on","power_off","last"]}	
light_mode	指示灯状态设置	Enum	{"range":["none","relay","pos"]}	
switch_backlight	背光开关	Boolean	{}	

窗帘开关(clkg) 标准状态集

可下发指令的状态

code	名称
control_back	电机反转
switch_backlight	背光开关
control_back_mode	电机反转模式
control	设备控制
control_2	设备控制2
cur_calibration	行程校准
cur_calibration_2	行程校准2
percent_control	开启百分比控制
percent_control_2	开启百分比控制2
tr_timecon	行程时间配置
tr_timecon_2	行程时间配置2

code	名称	数据类型	取值描述	说明
control_back	电机反转	Boolean	{}	
switch_backlight	背光开关	Boolean	{}	
control_back_mode	电机反转模式	Enum	{"range":["forward","back"]}	
control	设备控制	Enum	{"range":["open","stop","close"]}	
control_2	设备控制2	Enum	{"range":["open","stop","close"]}	
cur_calibration	行程校准	Enum	{"range":["start","end"]}	
cur_calibration_2	行程校准2	Enum	{"range":["start","end"]}	
percent_control	开启百分比控制	Integer	{"max":100,"min":0,"scale":0,"step":10,"unit":"%"}	
percent_control_2	开启百分比控制2	Integer	{"max":100,"min":0,"scale":0,"step":10,"unit":"%"}	
tr_timecon	行程时间配置	Integer	{"max":120,"min":10,"scale":0,"step":1,"unit":"s"}	
tr_timecon_2	行程时间配置2	Integer	{"max":120,"min":10,"scale":0,"step":1,"unit":"s"}	

场景开关(cjkg) 标准状态集

可下发指令的状态

code	名称
scene_1	场景1
scene_2	场景2
scene_3	场景3
scene_4	场景4
scene_5	场景5
scene_6	场景6
scene_7	场景7

code	名称
scene_8	场景8
scene_9	场景9
scene_10	场景10
scene_11	场景11
scene_12	场景12
scene_13	场景13
scene_14	场景14
scene_15	场景15
scene_16	场景16
switch_1	开关1
switch_2	开关2
switch_3	开关3
switch_4	开关4
switch_5	开关5
switch_6	开关6
countdown_1	开关1倒计时
countdown_2	开关2倒计时
countdown_3	开关3倒计时
countdown_4	开关4倒计时
countdown_5	开关5倒计时
countdown_6	开关6倒计时
scene_id_group_id	场景ID组ID

场景开关(cjkg) 标准指令集

code	名称	数据类型	取值描述	说明
scene_1	场景1	Enum	{"range":["scene"]}	
scene_2	场景2	Enum	{"range":["scene"]}	
scene_3	场景3	Enum	{"range":["scene"]}	
scene_4	场景4	Enum	{"range":["scene"]}	
scene_5	场景5	Enum	{"range":["scene"]}	
scene_6	场景6	Enum	{"range":["scene"]}	
scene_7	场景7	Enum	{"range":["scene"]}	
scene_8	场景8	Enum	{"range":["scene"]}	
scene_9	场景9	Enum	{"range":["scene"]}	
scene_10	场景10	Enum	{"range":["scene"]}	
scene_11	场景11	Enum	{"range":["scene"]}	

code	名称	数据类型	取值描述	说明
scene_12	场景12	Enum	{"range":["scene"]}	
scene_13	场景13	Enum	{"range":["scene"]}	
scene_14	场景14	Enum	{"range":["scene"]}	
scene_15	场景15	Enum	{"range":["scene"]}	
scene_16	场景16	Enum	{"range":["scene"]}	
switch_1	开关1	Boolean	{}	
switch_2	开关2	Boolean	{}	
switch_3	开关3	Boolean	{}	
switch_4	开关4	Boolean	{}	
switch_5	开关5	Boolean	{}	
switch_6	开关6	Boolean	{}	
countdown_1	开关1倒计时	Integer	{"unit":"s","min":0,"max":86400,"scale":0,"step":1}	
countdown_2	开关2倒计时	Integer	{"unit":"s","min":0,"max":86400,"scale":0,"step":1}	
countdown_3	开关3倒计时	Integer	{"unit":"s","min":0,"max":86400,"scale":0,"step":1}	
countdown_4	开关4倒计时	Integer	{"unit":"s","min":0,"max":86400,"scale":0,"step":1}	
countdown_5	开关5倒计时	Integer	{"unit":"s","min":0,"max":86400,"scale":0,"step":1}	
countdown_6	开关6倒计时	Integer	{"unit":"s","min":0,"max":86400,"scale":0,"step":1}	
scene_id_group_id	场景ID组ID	Raw	{}	

热水器(rs) 标准状态集

可下发指令的状态

code	名称
countdown_set	倒计时
temp_unit_convert	温标切换
instant_heating	即时加热
water_set	水位设置
temp_set	温度设置
capacity_set	功率设置
switch_microwave	微波开关
child_lock	童锁开关
night_power	夜电
disinfection	消毒
eco	ECO模式
mode	模式
switch	开关

只上报的状态

code	名称	数据类型	取值约束	说明
countdown_left	倒计时剩余时间	Integer	{"unit":"min","min":0,"max":360,"scale":0,"step":1}	
surplus_water	剩余水量	Integer	{"unit":"ml","min":0,"max":5000,"scale":0,"step":1}	
work_state	工作状态	Enum	{"range":["heating","warm"]}	
power_consumption	耗电量	Integer	{"unit":"kW·h","min":0,"max":10000,"scale":0,"step":1}	
temp_current	当前温度	Integer	{"unit":"°C","min":0,"max":100,"scale":0,"step":1}	

热水器(rs) 标准指令集

code	名称	数据类型	取值约束	说明
countdown_set	倒计时	Enum	{"range":["cancel","1h","2h","3h","4h","5h","6h"]}	
temp_unit_convert	温标切换	Enum	{"range":["c","f"]}	
instant_heating	即时加热	Boolean	{}	
water_set	水位设置	Integer	{"unit":"L","min":20,"max":100,"scale":0,"step":5}	
temp_set	温度设置	Integer	{"unit":"°C","min":20,"max":60,"scale":0,"step":1}	
capacity_set	功率设置	Enum	{"range":["2000w","3000w","5000w"]}	
switch_microwave	微波开关	Boolean	{}	
child_lock	童锁开关	Boolean	{}	
night_power	夜电	Boolean	{}	
disinfection	消毒	Boolean	{}	
eco	ECO模式	Boolean	{}	
mode	模式	Enum	{"range":["auto","manual","smart","comfortable","eco"]}	
switch	开关	Boolean	{}	

冰箱(bx) 标准状态集

可下发指令的状态

code	名称
switch	开关
mode	工作模式
child_lock	童锁开关
eco	ECO模式
switch_chiller	冷藏室开关
switch_variable	变温室开关
switch_frozen	冷冻室开关
cool_temp_set	冷藏室温度设置

code	名称
variable_temp_set	变温室温度设置
cold_temp_set	冷冻室设置温度

只上报的状态

code	名称	数据类型	数据类型	说明
variable_temp_current	变温室当前温度	Integer	{ "unit": "°C", "min": -50, "max": 50, "scale": 0, "step": 1 }	
cool_temp_current	冷藏室当前温度	Integer	{ "unit": "°C", "min": -50, "max": 50, "scale": 0, "step": 1 }	
cold_temp_current	冷冻室当前温度	Integer	{ "unit": "°C", "min": -50, "max": 50, "scale": 0, "step": 1 }	

冰箱(bx) 标准指令集

code	名称	数据类型	数据类型	说明
switch	开关	Boolean	rw	{}
mode	工作模式	Enum	rw	{ "range": ["quick", "eco", "frozen", "fresh", "smart", "holiday", "child_lock"] }
child_lock	童锁开关	Boolean	rw	{}
eco	ECO模式	Boolean	rw	{}
switch_chiller	冷藏室开关	Boolean	rw	{}
switch_variable	变温室开关	Boolean	rw	{}
switch_frozen	冷冻室开关	Boolean	rw	{}
cool_temp_set	冷藏室温度设置	Integer	rw	{ "unit": "°C", "min": -50, "max": 20, "scale": 0, "step": 1 }
variable_temp_set	变温室温度设置	Integer	rw	{ "unit": "°C", "min": -50, "max": 20, "scale": 0, "step": 1 }
cold_temp_set	冷冻室设置温度	Integer	rw	{ "unit": "°C", "min": -50, "max": 20, "scale": 0, "step": 1 }

mode

工作模式

"quick":速冻模式
"eco":节能模式
"frozen":冷冻模式
"fresh":保鲜模式
"smart":智能模式
"holiday":假日模式
"child_lock":童锁等

```
{
  "commands": [
    {
      "code": "mode",
      "value": "quick"
    }
  ]
}
```

洗衣机(xy) 标准状态集

可下发指令的状态

code	名称
speedup	加速
memory	记忆
sterilization	除菌
cloth_stop	衣干即停
wash_time	洗涤时长
rev	转速
countdown	倒计时
water_level	水位档位
child_lock	童锁开关
rinse_times	漂洗次数设定
prewash	预洗
quiet	静音
temp_set	温度设置
drying_time	烘干时间
soak_time	浸泡时长
spin_time	脱水时长设定
program	程序
start	启动
switch	开关

只上报的状态

code	名称	数据类型	取值描述	说明
countdown_left	倒计时剩余时间	Integer	{"unit":"min","min":0,"max":180,"scale":0,"step":1}	
work_state	工作状态	Enum	{"range":["standby","checking","soaking","washing","rinsing","dewatering","dry","cooling","cleaning","preparing","appointment","stop","complete"]}	

洗衣机(xy) 标准指令集

code	名称	数据类型	取值描述	说明
start	启动	Boolean	{}	
switch	开关	Boolean	{}	
speedup	加速	Boolean	{}	
memory	记忆	Boolean	{}	
sterilization	除菌	Boolean	{}	

code	名称	数据类型	取值描述	说明
cloth_stop	衣干即停	Boolean	{}	
child_lock	童锁开关	Boolean	{}	
prewash	预洗	Boolean	{}	
quiet	静音	Boolean	{}	
rev	转速	Enum	{"range":["level_1","level_2","level_3","level_4","level_5"]}	
water_level	水位档位	Enum	{"range":["high","middle","low"]}	
program	程序	Enum	{"range":["cotton","mixed","wool","soft","shirt","blanket","quick_wash","down","underwear","air_wash","drum_clean","jeans","soak","dry","spin","rinse_spin"]}	
rinse_times	漂洗次数设定	Integer	{"min":0,"max":5,"scale":0,"step":1}	
temp_set	温度设置	Integer	{"unit":"°C","min":0,"max":50,"scale":0,"step":1}	
drying_time	烘干时间	Integer	{"unit":"min","min":0,"max":360,"scale":0,"step":1}	
soak_time	浸泡时长	Integer	{"unit":"min","min":0,"max":360,"scale":0,"step":1}	
spin_time	脱水时长设定	Integer	{"unit":"min","min":0,"max":60,"scale":0,"step":1}	
wash_time	洗涤时长	Integer	{"unit":"min","min":0,"max":180,"scale":0,"step":1}	
countdown	倒计时	Integer	{"unit":"min","min":0,"max":720,"scale":0,"step":1}	

新风机(xfj) 标准状态集

可下发指令的状态

code	名称
switch	开关
mode	工作模式
air_volume	风量
loop_mode	循环模式
supply_fan_speed	送风风速
exhaust_fan_speed	排风风速
fresh_air_valve	新风阀
air_exhaust_fan	排风扇
primary_filter_reset	初效滤网复位
medium_filter_reset	中效滤网滤芯复位
high_filter_reset	高效滤网复位
sterilize	杀菌
bypass_function	旁通功能
heat	电辅热
pm25_set	PM2.5参数设定
eco2_set	eCO2参数设定
temp_set	温度设置

code	名称
humidity_set	湿度设置
tvoc_set	TVOC参数设定
air_conditioning	空调
backlight	背光亮度
purify_mode	净化模式
purification	净化/除尘
dehumidifier	除湿
defrost	除霜
countdown_set	倒计时
factory_reset	恢复出厂设置
child_lock	童锁开关
filter_reset	滤芯复位
fan_speed_enum	风速
anion	负离子
uv_light	UV灯
pm10_set	PM10参数设定

只上报的状态

code	名称	数据类型	取值约束	说明
pm10	PM10	Integer	{"unit":"μg/m3","min":0,"max":999,"scale":0,"step":1}	
humidity_outdoor	室外湿度	Integer	{"unit":"%","min":0,"max":100,"scale":0,"step":1}	
temp_outdoor	室外温度	Integer	{"unit":"°C","min":-50,"max":50,"scale":0,"step":1}	
air_quality	空气质量	Enum	{"range":["great","good","mild","medium","bad"]}	
supply_temp	送风温度	Integer	{"unit":"°C","min":-50,"max":50,"scale":0,"step":1}	
exhaust_temp	排风温度	Integer	{"unit":"°C","min":-50,"max":50,"scale":0,"step":1}	
supply_air_vol	送风风量	Integer	{"min":0,"max":1000,"scale":0,"step":1}	
exhaust_air_vol	排风风量	Integer	{"min":0,"max":1000,"scale":0,"step":1}	
primary_filter_life	初效滤网剩余/寿命	Integer	{"unit":"%","min":0,"max":100,"scale":0,"step":1}	
medium_filter_life	中效滤网剩余/寿命	Integer	{"unit":"%","min":0,"max":100,"scale":0,"step":1}	
high_filter_life	高效滤网剩余/寿命	Integer	{"unit":"%","min":0,"max":100,"scale":0,"step":1}	
countdown_left	倒计时剩余时间	Integer	{"unit":"min","min":0,"max":360,"scale":0,"step":1}	
filter_life	滤网寿命	Integer	{"unit":"%","min":0,"max":100,"scale":0,"step":1}	
uv_life	UV寿命	Integer	{"unit":"%","min":0,"max":100,"scale":0,"step":1}	
temp_indoor	室内温度	Integer	{"unit":"°C","min":0,"max":50,"scale":0,"step":1}	
humidity_indoor	室内湿度	Integer	{"unit":"%","min":0,"max":100,"scale":0,"step":1}	
tvoc	TVOC	Integer	{"min":0,"max":1000,"scale":0,"step":1}	
eco2	eCO2	Integer	{"min":0,"max":1000,"scale":0,"step":1}	

code	名称	数据类型	取值约束	说明
pm25	PM2.5	Integer	{"min":0,"max":999,"scale":0,"step":1}	
fault	故障告警	Bitmap	{"label":["e1"],"type":"bitmap","maxlen":1}	
hcho_sensor_value	HCHO参数	Integer	{"unit":"mg/m3","min":0,"max":1000,"scale":3,"step":1}	

新风机(xfj) 标准指令集

code	名称	数据类型	取值约束	说明
switch	开关	Boolean	{}	
mode	工作模式	Enum	{"range":["auto","sleep","manual"]}	
air_volume	风量	Integer	{"unit":"m3/h","min":0,"max":1000,"scale":0,"step":1}	
loop_mode	循环模式	Enum	{"range":["auto","indoor_loop","outdoor_loop"]}	
supply_fan_speed	送风风速	Enum	{"range":["off","low","mid","high"]}	
exhaust_fan_speed	排风风速	Enum	{"range":["off","low","mid","high"]}	
fresh_air_valve	新风阀	Boolean	{}	
air_exhaust_fan	排风扇	Boolean	{}	
primary_filter_reset	初效滤网复位	Boolean	{}	
medium_filter_reset	中效滤网滤芯复位	Boolean	{}	
high_filter_reset	高效滤网复位	Boolean	{}	
sterilize	杀菌	Boolean	{}	
bypass_function	旁通功能	Boolean	{}	
heat	电辅热	Boolean	{}	
pm25_set	PM2.5参数设定	Integer	{"unit":"ug/m3","min":1,"max":999,"scale":0,"step":1}	
eco2_set	eCO2参数设定	Integer	{"unit":"ppm","min":1,"max":1000,"scale":0,"step":1}	
temp_set	温度设置	Integer	{"unit":"°C","min":-50,"max":50,"scale":0,"step":1}	
humidity_set	湿度设置	Integer	{"unit":"%","min":0,"max":100,"scale":0,"step":1}	
tvoc_set	TVOC参数设定	Integer	{"unit":"ppm","min":0,"max":1000,"scale":2,"step":1}	
air_conditioning	空调	Boolean	{}	
backlight	背光亮度	Integer	{"unit":"%","min":0,"max":100,"scale":0,"step":1}	
purify_mode	净化模式	Enum	{"range":["high","low"]}	
purification	净化/除尘	Boolean	{}	
dehumidifier	除湿	Boolean	{}	
defrost	除霜	Boolean	{}	
countdown_set	倒计时	Enum	{"range":["cancel","1h","2h","3h","4h","5h","6h"]}	
factory_reset	恢复出厂设置	Boolean	{}	
child_lock	童锁开关	Boolean	{}	
filter_reset	滤芯复位	Boolean	{}	
fan_speed_enum	风速	Enum	{"range":["low","mid","high","sleep"]}	

code	名称	数据类型	取值约束	说明
anion	负离子	Boolean	{}	
uv_light	UV灯	Boolean	{}	
pm10_set	PM10参数设定	Integer	{"unit":"mg/m3","min":0,"max":999,"scale":0,"step":1}	

可下发指令的状态

code	名称
switch	开关
temp_set	温度设置
drain_away_water	排水
massage	按摩
bath	沐浴

只上报的状态

code	名称	数据类型	取值约束	说明
remind	消息提醒	Enum	{"range":["done"]}	
temp_current	当前温度	Integer	{"unit":"°C","min":15,"max":50,"scale":0,"step":1}	

浴缸(yg) 标准指令集

code	名称	数据类型	取值约束	说明
switch	开关	Boolean	{}	
temp_set	温度设置	Integer	{"unit":"°C","min":15,"max":50,"scale":0,"step":1}	
drain_away_water	排水	Boolean	{}	
massage	按摩	Boolean	{}	
bath	沐浴	Boolean	{}	

灯具(dj) 标准状态集

code	名称
switch_led	开关
work_mode	模式
bright_value	亮度
bright_value_v2	亮度
temp_value	冷暖
temp_value_v2	冷暖
colour_data	彩光模式数
colour_data_v2	彩光模式数

code	名称
scene_data	情景模式数
scene_data_v2	情景模式数
flash_scene_1	柔光模式
flash_scene_2	缤纷模式
flash_scene_3	炫彩模式
flash_scene_4	斑斓模式
music_data	音乐灯模式控制
control_data	调节dp控制
countdown_1	倒计时
scene_select	场景选择
switch_health_read	健康阅读开关
read_time	健康阅读-阅读时间设置
rest_time	健康阅读-休息时间设置

灯具(dj) 标准指令集

code	名称	数据类型	取值描述	说明
switch_led	开关	Boolean	{}	
work_mode	模式	Enum	{"range":["white","colour","scene","music","scene_1","scene_2","scene_3","scene_4"]}	
bright_value	亮度	Integer	{"min":25,"scale":0,"unit":"","max":255,"step":1}	
bright_value_v2	亮度	Integer	{"min":10,"scale":0,"unit":"","max":1000,"step":1}	
temp_value	冷暖	Integer	{"min":0,"scale":0,"unit":"","max":255,"step":1}	
temp_value_v2	冷暖	Integer	{"min":0,"scale":0,"unit":"","max":1000,"step":1}	
colour_data	彩光模式数	Json	{}	
colour_data_v2	彩光模式数	Json	{}	
scene_data	情景模式数	Json	{}	
scene_data_v2	情景模式数	Json	{}	
flash_scene_1	柔光模式	Json	{}	
flash_scene_2	缤纷模式	Json	{}	
flash_scene_3	炫彩模式	Json	{}	
flash_scene_4	斑斓模式	Json	{}	
music_data	音乐灯模式控制	Json	{}	
control_data	调节dp控制	Json	{}	
countdown_1	倒计时	Integer	{"unit":"","min":0,"max":86400,"scale":0,"step":1}	
scene_select	场景选择	Enum	{"range":["1","2","3","4","5"]}	老版本
switch_health_read	健康阅读开关	Boolean	{}	老版本

code	名称	数据类型	取值描述	说明
read_time	健康阅读- 阅读时间设置	Integer	{ "unit": "minute", "min": 1, "max": 60, "scale": 0, "step": 1 }	老版本
rest_time	健康阅读- 休息时间设置	Integer	{ "unit": "minute", "min": 1, "max": 60, "scale": 0, "step": 1 }	老版本

标准指令下发示例及说明

switch_led

true: 打开灯具电源开关
false: 关闭灯具电源开关

```
{
  "commands": [
    {
      "code": "switch_led",
      "value": true
    }
  ]
}
```

work_mode

设置灯具的颜色模式，这里是一些预定义的灯具颜色模式。具体的产品支持具体的模式设置。

"white": 白色
"colour": 彩色
"scene": 预定义颜色
"music": 预定义颜色
"scene_1": 预定义颜色
"scene_2": 预定义颜色
"scene_3": 预定义颜色
"scene_4": 预定义颜色

```
{
  "commands": [
    {
      "code": "work_mode",
      "value": "white"
    }
  ]
}
```

bright_value

调节灯具亮度
取值范围：[25-255]，这里的范围只是参考范围，具体每个产品不同，以查询到的设备属性为准。

```
{
  "commands": [
    {
      "code": "bright_value",
      "value": 120
    }
  ]
}
```

bright_value_v2

调节灯具亮度

取值范围: [10-1000]，这里的范围只是参考范围，具体每个产品不同，以查询到的设备属性为准。

```
{
  "commands": [
    {
      "code": "bright_value_v2",
      "value": 990
    }
  ]
}
```

temp_value

调节灯具色温(冷暖)

取值范围: [0-255]

```
{
  "commands": [
    {
      "code": "temp_value",
      "value": 120
    }
  ]
}
```

temp_value_v2

调节灯具色温(冷暖)

取值范围: [0-1000]

```
{
  "commands": [
    {
      "code": "temp_value_v2",
      "value": 990
    }
  ]
}
```

colour_data

以hsv的形式控制灯具的颜色变化。

```
h [0~360]
s [0~255]
v [0~255]

{
  "commands": [
    {
      "code": "colour_data",
      "value": {
        "h": 37,
        "s": 255,
        "v": 188
      }
    }
  ]
}
```

colour_data_v2

以hsv的形式控制灯具的颜色变化。

```
h [0~360]
s [0~1000]
v [0~1000]
```

下发格式示例:

```
{
  "commands": [
    {
      "code": "colour_data_v2",
      "value": {
        "h": 201,
        "s": 511,
        "v": 899
      }
    }
  ]
}
```

scene_data

以hsv的形式控制灯具的颜色变化。

```
h [0~360]
s [0~255]
v [0~255]
```

```
{
  "commands": [
    {
      "code": "scene_data",
      "value": {
        "h": 37,
        "s": 255,
        "v": 188
      }
    }
  ]
}
```

scene_data_v2

一种DIY形式控制灯具的颜色变化，部分灯具产品支持这种控制。

scene_num: [1-8] 情景模式数选择

unit_change_mode: ["static","jump","gradient"] 单元变化模式。分别表示: "静态", "跳变", "渐变"

unit_switch_duration:[0-100] 单元切换时长。单位秒

unit_gradient_duration:[0-100] 单元渐变时长。单位秒

bright:[0-1000] 亮度

temperature:[0-1000] 色温

h: [0-360]

s: [0-1000]

v: [0-1000]

```
{
  "commands":[
    {
      "code":"scene_data_v2",
      "value":{
        "scene_num":5,
        "scene_units":[
          {
            "unit_change_mode":"static",
            "unit_switch_duration":20,
            "unit_gradient_duration":20,
            "h":201,
            "s":611,
            "v":999,
            "bright":500,
            "temperature":800
          }
        ]
      }
    }
  ]
}
```

music_data

一种DIY形式控制灯具的颜色变化，部分灯具产品支持这种控制。

change_mode: ["direct","gradient"] 变色方式。分别表示: "直接输出", "渐变"

bright:[0-1000] 亮度

temperature:[0-1000] 色温

h: [0-360]

s: [0-1000]

v: [0-1000]

```
{
  "commands": [
    {
      "code": "music_data",
      "value": {
        "change_mode": "direct",
        "bright": 500,
        "temperature": 800,
        "h": 201,
        "s": 611,
        "v": 999
      }
    }
  ]
}
```

control_data

一种DIY形式控制灯具的颜色变化，部分灯具产品支持这种控制。

change_mode: ["direct", "gradient"] 变色方式。分别表示：“直接输出”，“渐变”

bright: [0-1000] 亮度

temperature: [0-1000] 色温

h: [0-360]

s: [0-1000]

v: [0-1000]

```
{
  "commands": [
    {
      "code": "control_data",
      "value": {
        "change_mode": "direct",
        "bright": 500,
        "temperature": 800,
        "h": 201,
        "s": 611,
        "v": 999
      }
    }
  ]
}
```

flash_scene_1

一种DIY形式控制灯具颜色变化，部分灯具产品支持这种控制。

flash_scene_2 ,flash_scene_3 ,flash_scene_4 传值方式与此相同。

bright 亮度，范围0-255；

temperature 色温（冷暖值），范围0-255；

frequency 频率，颜色之间切换时间长短的度量，值越大，颜色之间切换时间越长，范围1-255。

h [0-360]

s [0-255]

v [0-255]

```
{
  "commands": [
    {
      "code": "flash_scene_1",
      "value": {
        "bright": 100,
        "frequency": 76,
        "hsv": [
          {
            "h": 210.0,
            "s": 169.0,
            "v": 146.0
          }
        ]
      },
      "temperature": 84
    }
  ]
}
```

countdown_1

倒计时设置,控制灯具的开关功能。部分灯具产品支持。

单位:秒(s)
取值范围: [0~86400]

```
{
  "commands": [
    {
      "code": "countdown_1",
      "value": 1200
    }
  ]
}
```

scene_select

预定义的一些场景设置。部分灯具产品支持。

"1": 阅读
"2": 用电脑
"3": 小夜灯
"4": 休闲
"5": 调光

```
{
  "commands": [
    {
      "code": "scene_select",
      "value": "1"
    }
  ]
}
```

switch_health_read

健康阅读开关。部分灯具产品支持。

true:打开
false:关闭

```
{
  "commands": [
    {
      "code": "switch_health_read",
      "value": true
    }
  ]
}
```

read_time

阅读时间设置。部分灯具产品支持。

单位:分钟(minute)
范围:[1-60]

```
{
  "commands": [
    {
      "code": "read_time",
      "value": 10
    }
  ]
}
```

rest_time

休息时间设置。部分灯具产品支持。

单位:分钟(minute)
范围:[1-60]

```
{
  "commands": [
    {
      "code": "rest_time",
      "value": 20
    }
  ]
}
```

备注一些常见的模式下发示例

- 晚安模式


```
{
  "commands": [
    {
      "code": "scene_data",
      "value": {
        "h": 37.0,
        "s": 255.0,
        "v": 188.7
      }
    }
  ]
}
```

- 阅读模式

```
{
  "commands": [
    {
      "code": "scene_data",
      "value": {
        "h": 38.0,
        "s": 8.0,
        "v": 255.0
      }
    }
  ]
}
```

- 聚会模式

```
{
  "commands": [
    {
      "code": "scene_data",
      "value": {
        "h": 16.0,
        "s": 255.0,
        "v": 207.0
      }
    }
  ]
}
```

- 休闲模式

```
{
  "commands": [
    {
      "code": "scene_data",
      "value": {
        "h": 226.0,
        "s": 176.0,
        "v": 181.0
      }
    }
  ]
}
```

- 柔光模式

```

{
  "commands": [
    {
      "code": "flash_scene_1",
      "value": {
        "bright": 100,
        "frequency": 76,
        "hsv": [
          {
            "h": 210.0,
            "s": 169.0,
            "v": 146.0
          }
        ]
      },
      "temperature": 84
    }
  ]
}

```

- 缤纷模式

```

{
  "commands": [
    {
      "code": "flash_scene_2",
      "value": {
        "bright": 255,
        "frequency": 80,
        "hsv": [
          {
            "h": 0.0,
            "s": 255.0,
            "v": 255.0
          },
          {
            "h": 120.0,
            "s": 255.0,
            "v": 255.0
          },
          {
            "h": 240.0,
            "s": 255.0,
            "v": 255.0
          },
          {
            "h": 0.0,
            "s": 255.0,
            "v": 255.0
          },
          {
            "h": 0.0,
            "s": 255.0,
            "v": 255.0
          },
          {
            "h": 0.0,
            "s": 255.0,
            "v": 255.0
          }
        ]
      },
      "temperature": 255
    }
  ]
}

```

- 炫彩模式

```
{
  "commands": [
    {
      "code": "flash_scene_3",
      "value": {
        "bright": 100,
        "frequency": 76,
        "hsv": [
          {
            "h": 210.0,
            "s": 169.0,
            "v": 146.0
          }
        ]
      },
      "temperature": 84
    }
  ]
}
```

- 斑斓模式

```
{
  "commands": [
    {
      "code": "flash_scene_4",
      "value": {
        "bright": 255,
        "frequency": 80,
        "hsv": [
          {
            "h": 0.0,
            "s": 255.0,
            "v": 255.0
          },
          {
            "h": 120.0,
            "s": 255.0,
            "v": 255.0
          },
          {
            "h": 240.0,
            "s": 255.0,
            "v": 255.0
          },
          {
            "h": 300.0,
            "s": 255.0,
            "v": 255.0
          },
          {
            "h": 240.0,
            "s": 255.0,
            "v": 255.0
          },
          {
            "h": 0.0,
            "s": 255.0,
            "v": 255.0
          }
        ]
      },
      "temperature": 255
    }
  ]
}
```

CO-传感器(cobj) 标准状态集

可下发指令的状态

code	名称
muffling	消音
self_checking	设备自检
alarm_time	报警时长
alarm_ringtone	报警铃声
alarm_volume	报警音量
alarm_switch	报警开关
alarm_bright	光亮度调节

只上报的状态

code	名称	数据类型	取值约束	说明
co_value	CO检测值	Integer	{ "unit": "", "min": 0, "max": 1000, "scale": 1, "step": 1 }	
co_status	CO检测状态(字符)	Enum	{ "range": ["alarm", "normal"] }	
battery_percentage	电池电量百分比	Integer	{ "unit": "%", "min": 0, "max": 100, "scale": 0, "step": 1 }	
battery_state	电池电量状态	Enum	{ "range": ["low", "middle", "high"] }	
battery_value	电池电量值	Integer	{ "unit": "", "min": 0, "max": 30000, "scale": 0, "step": 1 }	
preheat	是否预热中	Boolean	{ }	
temper_alarm	防拆报警	Boolean	{ }	
lifecycle	使用寿命	Boolean	{ }	
checking_result	设备自检结果	Enum	{ "range": ["checking", "check_success", "check_failure", "others"] }	
co_state	CO检测状态	Enum	{ "range": ["1", "2"] }	老版本

co_state

"1": 报警
"2": 报警解除

CO-传感器(cobj) 标准指令集

code	名称	数据类型	取值约束	说明
muffling	消音	Boolean	{ }	
self_checking	设备自检	Boolean	{ }	
alarm_time	报警时长	Integer	{ "unit": "", "min": 1, "max": 60, "scale": 0, "step": 1 }	
alarm_ringtone	报警铃声	Enum	{ "range": ["1", "2", "3", "4", "5"] }	
alarm_volume	报警音量	Enum	{ "range": ["low", "middle", "high", "mute"] }	
alarm_switch	报警开关	Boolean	{ }	
alarm_bright	光亮度调节	Integer	{ "unit": "", "min": 0, "max": 100, "scale": 0, "step": 1 }	

PM2.5-传感器(pm2.5) 标准状态集

可下发指令的状态

code	名称
self_checking	设备自检
alarm_time	报警时长
alarm_ringtone	报警铃声
alarm_volume	报警音量
alarm_switch	报警开关
alarm_bright	光亮度调节
muffling	消音

只上报的状态

code	名称	数据类型	数据类型	说明
pm25_value	PM2.5检测值	Integer	{"unit":"","min":0,"max":999,"scale":0,"step":1}	
pm25_state	PM2.5检测状态值	Enum	{"range":["alarm","normal"]}	
battery_percentage	电池电量百分比	Integer	{"unit":"%","min":0,"max":100,"scale":0,"step":1}	
battery_value	电池电量值	Integer	{"unit":"","min":0,"max":30000,"scale":0,"step":1}	
battery_state	电池电量状态	Enum	{"range":["low","middle","high"]}	
preheat	是否预热中	Boolean	{}	
temper_alarm	防拆报警	Boolean	{}	
lifecycle	使用寿命	Boolean	{}	
checking_result	设备自检结果	Enum	{"range":["checking","check_success","check_failure","others"]}	

PM2.5-传感器(pm2.5) 标准指令集

code	名称	数据类型	数据类型	说明
self_checking	设备自检	Boolean	{}	
alarm_time	报警时长	Integer	{"unit":"","min":1,"max":60,"scale":0,"step":1}	
alarm_ringtone	报警铃声	Enum	{"range":["1","2","3","4","5"]}	
alarm_volume	报警音量	Enum	{"range":["low","middle","high","mute"]}	
alarm_switch	报警开关	Boolean	{}	
alarm_bright	光亮度调节	Integer	{"unit":"","min":0,"max":100,"scale":0,"step":1}	
muffling	消音	Boolean	{}	

压力-传感器(yicg) 标准状态集

可下发指令的状态

code	名称
alarm_bright	光亮度调节
muffling	消音
alarm_switch	报警开关
self_checking	设备自检
alarm_time	报警时长
alarm_ringtones	报警铃声
alarm_volume	报警音量

只上报的状态

code	名称	数据类型	取值约束	说明
lifecycle	使用寿命	Boolean	{}	
checking_result	设备自检结果	Enum	{"range":["checking","check_success","check_failure","others"]}	
temper_alarm	防拆报警	Boolean	{}	
battery_percentage	电池电量	Integer	{"unit": "%", "min": 0, "max": 100, "scale": 0, "step": 1}	
battery_state	电池电量状态	Enum	{"range":["low","middle","high"]}	
pressure_state	压力状态	Enum	{"range":["alarm","normal"]}	
battery_value	电池电量值	Integer	{"unit": "", "min": 0, "max": 30000, "scale": 0, "step": 1}	

压力-传感器(ylcg) 标准指令集

code	名称	数据类型	取值约束	说明
alarm_bright	光亮度调节	Integer	{"min": 0, "max": 100, "scale": 0, "step": 1}	
muffling	消音	Boolean	{}	
alarm_switch	报警开关	Boolean	{}	
self_checking	设备自检	Boolean	{}	
alarm_time	报警时长	Integer	{"unit": "s", "min": 1, "max": 60, "scale": 0, "step": 1}	
alarm_ringtones	报警铃声	Enum	{"range":["1","2","3","4","5"]}	
alarm_volume	报警音量	Enum	{"range":["low","middle","high","mute"]}	

温湿度-传感器(wsdcg) 标准状态集

只上报的状态

code	名称	数据类型	取值约束	说明
va_temperature	当前温度值	Integer	{"unit": "", "min": 0, "max": 1000, "scale": 1, "step": 1}	
va_humidity	当前湿度值	Integer	{"unit": "", "min": 0, "max": 1000, "scale": 1, "step": 1}	

code	名称	数据类型	取值约束	说明
temper_alarm	防拆报警	Boolean	{}	
battery_percentage	电池电量百分比	Integer	{"unit":"%","min":0,"max":100,"scale":0,"step":1}	
battery_value	电池电量值	Integer	{"unit":"","min":0,"max":30000,"scale":0,"step":1}	
battery_state	电池电量状态	Enum	{"range":["low","middle","high"]}	
va_battery	电池电量	Integer	{"unit":"","min":0,"max":10000,"scale":0,"step":1}	老版本存在

燃气报警-传感器(rqbj) 标准状态集

可下发指令的状态

code	名称
muffling	消音
alarm_ringtone	报警铃声
alarm_time	报警时长
self_checking	设备自检
alarm_volume	报警音量
alarm_switch	报警开关

只上报的状态

code	名称	数据类型	取值约束	说明
preheat	是否预热中	Boolean	{}	
temper_alarm	防拆报警	Boolean	{}	
lifecycle	使用寿命	Boolean	{}	
checking_result	设备自检结果	Enum	{"range":["checking","check_success","check_failure","others"]}	
battery_percentage	电池电量百分比	Integer	{"unit":"%","min":0,"max":100,"scale":0,"step":1}	
battery_value	电池电量值	Integer	{"unit":"","min":0,"max":30000,"scale":0,"step":1}	
battery_state	电池电量状态	Enum	{"range":["low","middle","high"]}	
gas_sensor_value	燃气检测值	Integer	{"unit":"","min":0,"max":1000,"scale":1,"step":1}	
gas_sensor_status	燃气检测状态值	Enum	{"range":["alarm","normal"]}	
gas_sensor_state	燃气检测状态	Enum	{"range":["1","2"]}	老版本

gas_sensor_state

"1":报警
"2":报警解除

燃气报警-传感器(rqbj) 标准指令集

code	名称	数据类型	取值约束	说明
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code	名称	数据类型	取值约束	说明
muffling	消音	Boolean	{}	
alarm_ringtone	报警铃声	Enum	{"range":["1","2","3","4","5"]}	
alarm_time	报警时长	Integer	{"unit":"","min":1,"max":60,"scale":0,"step":1}	
self_checking	设备自检	Boolean	{}	
alarm_volume	报警音量	Enum	{"range":["low","middle","high","mute"]}	
alarm_switch	报警开关	Boolean	{}	

亮度-传感器(ldcg) 标准状态集

只上报的状态

code	名称	数据类型	数据类型	说明
bright_state	亮度状态	Enum	{"range":["low","middle","high","strong"]}	
bright_value	当前亮度值	Integer	{"unit": "lux","min":0,"max":10000,"scale":0,"step":1}	
temper_alarm	防拆报警	Boolean	{}	
battery_percentage	电池电量百分比	Integer	{"unit":"%","min":0,"max":100,"scale":0,"step":1}	
battery_state	电池电量状态	Enum	{"range":["low","middle","high"]}	
temp_current	当前温度	Integer	{"unit":"°C","min":-400,"max":2000,"scale":1,"step":1}	
humidity_value	湿度值	Integer	{"unit":"%","min":0,"max":100,"scale":0,"step":1}	
co2_value	CO2检测值	Integer	{"unit":"","min":0,"max":1000,"scale":0,"step":1}	

报警主机(mal) 标准状态集

可下发指令的状态

code	名称
sos_state	紧急状态
night_light_delay	夜灯延时
night_light_bright	夜灯亮度
master_mode	主机模式
alarm_bright	光亮度调节
switch_alarm_light	报警灯开关
alarm_volume	报警音量
switch_alarm_sound	报警声开关
alarm_time	报警时长
delay_set	延时设置
switch_alarm_sms	报警短信开关
switch_alarm_call	报警电话开关

code	名称
alarm_sms_number	报警短信号码
alarm_call_number	报警电话号码
switch_low_battery	低电量报警开关
password_set	设置密码
switch_kb_light	键盘背景灯开关
switch_kb_sound	键盘按键音开关
switch_mode_light	工作模式指示灯开关
switch_mode_sound	工作模式提示音开关
alarm_ringtone	报警铃声
master_state	主机状态
night_light	夜灯模式
doorbell_volume	门铃音量
switch_mode_dl_sound	模式生效倒计时提示音
alarm_delay_time	告警后延时报警
switch_alarm_propel	告警推送
muffling	消音
zone_attribute	防区属性
call_looptimes	未接听重复拨打次数
alarm_volume_value	报警音量大小
master_language	主机语言
sub_admin	子设备管理
sub_type	子设备类型
sub_class	子设备品类
factory_reset	恢复出厂设置
doorbell_ringtone	门铃铃声

只上报的状态

code	名称	数据类型	数据类型	说明
master_information	主机设备信息	String	{"maxlen":255}	
battery_percentage	电池电量	Integer	{"unit":"%","min":0,"max":100,"scale":0,"step":1}	
charge_state	充电状态	Boolean	{}	
temper_alarm	防拆报警	Boolean	{}	
alarm_msg	告警信息	Raw	{}	
telnet_state	电话网络状态	Enum	{"range":["normal","network_no","phone_no","sim_card_no","network_search","signal_level_1","signal_level_2","signal_level_3","signal_level_4","signal_level_5"]}	
sub_state	子设备状态	Enum	{"range":["normal","alarm","fault","others"]}	

报警主机(mai) 标准指令集

code	名称	数据类型	数据类型
sos_state	紧急状态	Boolean	{}
night_light_delay	夜灯延时	Integer	{"unit":"s","min":0,"max":300,"scale":0,"step":1}
night_light_bright	夜灯亮度	Integer	{"unit":"","min":0,"max":100,"scale":0,"step":1}
master_mode	主机模式	Enum	{"range":["disarmed","arm","home","sos","work","play"]}
alarm_bright	光亮度调节	Integer	{"unit":"","min":0,"max":100,"scale":0,"step":1}
switch_alarm_light	报警灯开关	Boolean	{}
alarm_volume	报警音量	Enum	{"range":["low","middle","high","mute"]}
switch_alarm_sound	报警声开关	Boolean	{}
alarm_time	报警时长	Integer	{"unit":"min","min":1,"max":60,"scale":0,"step":1}
delay_set	延时设置	Integer	{"unit":"s","min":0,"max":300,"scale":0,"step":1}
switch_alarm_sms	报警短信开关	Boolean	{}
switch_alarm_call	报警电话开关	Boolean	{}
alarm_sms_number	报警短信号码	Raw	{}
alarm_call_number	报警电话号码	Raw	{}
switch_low_battery	低电量报警开关	Boolean	{}
password_set	设置密码	String	{"maxlen":255}
switch_kb_light	键盘背景灯开关	Boolean	{}
switch_kb_sound	键盘按键音开关	Boolean	{}
switch_mode_light	工作模式指示灯开关	Boolean	{}
switch_mode_sound	工作模式提示音开关	Boolean	{}
alarm_ringtone	报警铃声	enum	{"range":["1","2","3","4","5"]}
master_state	主机状态	Enum	{"range":["normal","alarm"]}
night_light	夜灯模式	Enum	{"range":["light_on","light_off","light_white","light_warm_yellow"]}
doorbell_volume	门铃音量	Enum	{"range":["low","middle","high","mute"]}
switch_mode_dl_sound	模式生效倒计时提示音	Boolean	{}
alarm_delay_time	告警后延时报警	Integer	{"unit":"s","min":0,"max":300,"scale":0,"step":1}
switch_alarm_propel	告警推送	Boolean	{}
muffling	消音	Boolean	{}
zone_attribute	防区属性	Enum	{"range":["disarmed","arm","home","24h","delay","others"]}
call_looptimes	未接听重复拨打次数	Integer	{"unit":"","min":1,"max":10,"scale":0,"step":1}
alarm_volume_value	报警音量大小	Integer	{"unit":"","min":0,"max":100,"scale":0,"step":1}
master_language	主机语言	Enum	{"range":["chinese_simplified","chinese_traditional","english","french","italian","german","spanish","portuguese","russian","japanese"]}
sub_admin	子设备管理	Raw	{}

code	名称	数据类型	数据类型
sub_type	子设备类型	Enum	{"range":["motion_sensor","contact_sensor","smoke_alarm","gas_alarm","co_alarm","water_leak_sensor","infrared_emission_detector","glass_break_detector","sos_buttor","keypad","doorbell","door_lock","rfid","alarm","environment_detector","others"]}
sub_class	子设备品类	Enum	{"range":["detector","remote_controller","wired_detector","rfid","doorbell_door_lock",
factory_reset	恢复出厂设置	Boolean	{}
doorbell_ringtone	门铃铃声	Enum	{"range":["1","2","3","4","5"]}

声光报警-传感器(sgbj) 标准状态集

可下发指令的状态

code	名称
alert_state	布防撤防
alarm_volume	报警音量
alarm_state	报警器状态
alarm_time	报警时长
self_checking	设备自检
alarm_switch	报警开关
muffling	消音
bright_state	亮度状态
master_mode	主机模式

只上报的状态

code	名称	数据类型	取值描述	说明
battery_percentage	电池电量百分比	Integer	{"unit":"%","min":0,"max":100,"scale":0,"step":1}	
battery_value	电池电量值	Integer	{"unit":"","min":0,"max":30000,"scale":0,"step":1}	
battery_state	电池电量状态	Enum	{"range":["low","middle","high"]}	
charge_state	充电状态	Boolean	{}	
checking_result	设备自检结果	Enum	{"range":["checking","check_success","check_failure","others"]}	
preheat	是否预热	Boolean	{}	
lifecycle	使用寿命	Boolean	{}	
temper_alarm	防拆报警	Boolean	{}	

声光报警-传感器(sgbj) 标准指令集

code	名称	数据类型	取值描述	说明
alert_state	布防撤防	Boolean	{}	
alarm_state	报警器状态	Enum	{"range":["alarm_sound","alarm_light","alarm_sound_light","normal"]}	

code	名称	数据类型	取值描述	说明
alarm_volume	报警音量	Enum	{"range":["low","middle","high","mute"]}	
alarm_time	报警时长	Integer	{"unit":"s","min":1,"max":60,"scale":0,"step":1}	
self_checking	设备自检	Boolean	{}	
alarm_switch	报警开关	Boolean	{}	
muffling	消音	Boolean	{}	
bright_state	亮度状态	Enum	{"range":["low","middle","high","strong"]}	
master_mode	主机模式	Enum	{"range":["disarmed","arm","home","sos","work","play"]}	

公寓门锁(gyms) 标准状态集

可下发指令的状态

code	名称
get_lock_status	获取门锁状态
doorbell_volume	门铃音量
language	门锁语言切换

只上报的状态

code	名称	数据类型	取值描述
alarm_lock	告警	Enum	{"range":["wrong_finger","wrong_password","wrong_card","wrong_face","tongue_bad","too_hot","unclosed_time","tongue_not_out","pry","key_in","low_battery","power_off","shock"]}
unlock_fingerprint	指纹解锁	Integer	{"unit":"","min":0,"max":999,"scale":0,"step":1}
unlock_card	卡片解锁	Integer	{"unit":"","min":0,"max":999,"scale":0,"step":1}
unlock_identity_card	身份证解锁上报	Integer	{"unit":"","min":0,"max":999,"scale":0,"step":1}
unlock_admin	管理员密码解锁	Integer	{"unit":"","min":0,"max":999,"scale":0,"step":1}
unlock_subadmin	管家密码解锁	Integer	{"unit":"","min":0,"max":999,"scale":0,"step":1}
unlock_temporary	临时密码解锁	Integer	{"unit":"","min":0,"max":999,"scale":0,"step":1}
unlock_dynamic	动态密码解锁	Integer	{"unit":"","min":0,"max":999,"scale":0,"step":1}
open_inside	从门内侧打开门锁	Boolean	{}
unlock_unknown	未知权限开门	Boolean	{}
door_opened	门被打开	Boolean	{}
residual_electricity	剩余电量	Integer	{"unit":"%","min":0,"max":100,"scale":0,"step":1}
electronic_antilock	内门（电子）反锁状态上报	Boolean	{}
door_sensor	门磁状态上报	Enum	{"range":["unknown","open","closed"]}
square_tongue	方舌状态上报	Enum	{"range":["unknown","locked","unlocked"]}

公寓门锁(gyms) 标准指令集

code	名称	数据类型	取值描述	说明
doorbell_volume	门铃音量	Enum	{"range":["mute","low","normal","high"]}	
language	门锁语言切换	Enum	{"range":["chinese_simplified","english","japanese","german","spanish","latin","french","russian","italian","chinese_traditional","korean","portuguese"]}	
get_lock_status	获取门锁状态	Enum	{"range":["all","residual_electricity","electronic_antilock","door_sensor","square_tongue"]}	

CO2-传感器(co2bj) 标准状态集

可下发指令的状态

code	名称
muffling	消音
self_checking	设备自检
alarm_time	报警时长
alarm_ringtone	报警铃声
alarm_volume	报警音量
alarm_switch	报警开关
alarm_bright	光亮度调节

只上报的状态

code	名称	数据类型	数据类型	说明
lifecycle	使用寿命	Boolean	{}	
preheat	是否预热中	Boolean	{}	
temper_alarm	防拆报警	Boolean	{}	
checking_result	设备自检结果	Enum	{"range":["checking","check_success","check_failure","others"]}	
co2_value	CO2检测值	Integer	{"unit":"","min":0,"max":1000,"scale":1,"step":1}	
co2_state	CO2检测状态值	Enum	{"range":["alarm","normal"]}	
battery_percentage	电池电量百分比	Integer	{"unit":"%","min":0,"max":100,"scale":0,"step":1}	
battery_value	电池电量值	Integer	{"unit":"","min":0,"max":30000,"scale":0,"step":1}	
battery_state	电池电量状态	Enum	{"range":["low","middle","high","mute"]}	

CO2-传感器(co2bj) 标准指令集

code	名称	数据类型	数据类型	说明
muffling	消音	Boolean	{}	
self_checking	设备自检	Boolean	{}	
alarm_time	报警时长	Integer	{"unit":"","min":1,"max":60,"scale":0,"step":1}	
alarm_ringtone	报警铃声	Enum	{"range":["1","2","3","4","5"]}	
alarm_volume	报警音量	Enum	{"range":["low","middle","high","mute"]}	

code	名称	数据类型	数据类型	说明
alarm_switch	报警开关	Boolean	{}	
alarm_bright	光亮度调节	Integer	{"unit":"","min":0,"max":100,"scale":0,"step":1}	

SOS-传感器(sos) 标准状态集

可下发指令的状态

code	名称
sos_state	紧急模式

只上报的状态

code	名称	数据类型	取值约束	说明
battery_state	电池电量状态	Enum	{"range":["low","middle","high"]}	
temper_alarm	防拆报警	Boolean	{}	
battery_percentage	电池电量	Integer	{"unit":"%","min":0,"max":100,"scale":0,"step":1}	

SOS-传感器(sos) 标准指令集

code	名称	数据类型	取值约束	说明
sos_state	紧急模式	Boolean	{}	

门磁-传感器(mcs) 标准状态集

只上报的状态

code	名称	数据类型	取值约束	说明
doorcontact_state	门磁状态	Boolean	{}	
temper_alarm	防拆报警	Boolean	{}	
battery_percentage	电池电量百分比	Integer	{"unit":"%","min":0,"max":100,"scale":0,"step":1}	
battery_value	电池电量值	Integer	{"unit":"","min":0,"max":30000,"scale":0,"step":1}	
battery_state	电池电量状态	Enum	{"range":["low","middle","high"]}	

家庭门锁(ms) 标准状态集

可下发指令的状态

code	名称
doorbell_song	门铃选择

code	名称
doorbell_volume	门铃音量
language	门锁语言切换
key_tone	按键音量
beep_volume	门锁本地导航音量
motor_torque	电机扭力

只上报的状态

code	名称	数据类型	取值描述
open_close	开门事件	Boolean	{}
door_opened	门被打开	Boolean	{}
battery_state	电池电量状态	Enum	{"range":["high","medium","low","poweroff"]}
residual_electricity	剩余电量	Integer	{"unit": "%", "min": 0, "max": 100, "scale": 0, "step": 1}
reverse_lock	反锁状态	Boolean	{}
electronic_antilock	内门（电子）反锁状态上报	Boolean	{}
lock_motor_state	锁开合状态	Boolean	{}
child_lock	童锁状态	Boolean	{}
alarm_lock	告警	Enum	{"range":["wrong_finger","wrong_password","wrong_card","wrong_face","tongue_bad","too_hot","unclosed_time","tongue_not_out","pry","key_in","low_battery","power_off","shock"]}
closed_opened	门开合状态	Enum	{"range":["unknown","open","closed"]}
doorbell	门铃呼叫	Boolean	{}
anti_lock_outside	上提反锁	Boolean	{}
unlock_fingerprint	指纹解锁	Integer	{"unit": "", "min": 0, "max": 999, "scale": 0, "step": 1}
unlock_password	普通密码解锁	Integer	{"unit": "", "min": 0, "max": 999, "scale": 0, "step": 1}
unlock_temporary	临时密码解锁	Integer	{"unit": "", "min": 0, "max": 999, "scale": 0, "step": 1}
unlock_dynamic	动态密码解锁	Integer	{"unit": "", "min": 0, "max": 999, "scale": 0, "step": 1}
unlock_card	卡片解锁	Integer	{"unit": "", "min": 0, "max": 999, "scale": 0, "step": 1}
unlock_key	钥匙解锁	Integer	{"unit": "", "min": 0, "max": 999, "scale": 0, "step": 1}
unlock_face	人脸识别解锁	Integer	{"unit": "", "min": 0, "max": 999, "scale": 0, "step": 1}
unlock_eye	虹膜解锁	Integer	{"unit": "", "min": 0, "max": 999, "scale": 0, "step": 1}
unlock_hand	掌纹解锁	Integer	{"unit": "", "min": 0, "max": 999, "scale": 0, "step": 1}
unlock_finger_vein	指静脉解锁	Integer	{"unit": "", "min": 0, "max": 999, "scale": 0, "step": 1}
open_inside	从门内侧打开门锁	Boolean	{}

家用门锁(ms) 标准指令集

code	名称	数据类型	取值描述	说明
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code	名称	数据类型	取值描述	说明
doorbell_song	门铃选择	Enum	{"range":["ding_0","ding_1","ding_2","ding_3","ding_4","ding_5","ding_6","ding_7","ding_8","ding_9"]}	
doorbell_volume	门铃音量	Enum	{"range":["mute","low","normal","high"]}	
language	门锁语言切换	Enum	{"range":["chinese_simplified","english","japanese","german","spanish","latin","french","russian","italian","chinese_traditional","korean","portuguese"]}	
key_tone	按键音量	Enum	{"range":["mute","low","normal","high"]}	
beep_volume	门锁本地导航音量	Enum	{"range":["mute","low","normal","high"]}	
motor_torque	电机扭力	Enum	{"range":["torque_low","torque_middle","torque_high"]}	

多功能-传感器(dgnbj) 标准状态集

可下发指令的状态

code	名称
self_checking	设备自检
alarm_switch	报警开关
muffling	消音
master_mode	主机模式
alarm_volume	报警音量
alarm_ringtones	报警铃声
alarm_time	报警时长

只上报的状态

code	名称	数据类型	取值约束	说明
air_quality_index	空气质量指数	Enum	{"range":["level_1","level_2","level_3","level_4","level_5","level_6"]}	
checking_result	设备自检结果	Enum	{"range":["checking","check_success","check_failure","others"]}	
preheat	是否预热	Boolean	{}	
lifecycle	使用寿命	Boolean	{}	
gas_sensor_state	燃气检测状态	Enum	{"range":["alarm","normal"]}	
gas_sensor_value	燃气检测值	Integer	{"min":0,"max":1000,"scale":1,"step":1}	
ch4_sensor_state	甲烷检测状态	Enum	{"range":["alarm","normal"]}	
ch4_sensor_value	甲烷检测值	Integer	{"min":0,"max":1000,"scale":1,"step":1}	
alarm_state	报警器状态	Enum	{"range":["alarm_sound","alarm_light","alarm_sound_light","normal"]}	
voc_state	VOC检测状态	Enum	{"range":["alarm","normal"]}	
voc_value	VOC检测值	Integer	{"min":0,"max":999,"scale":2,"step":1}	
pm25_state	PM2.5检测状态	Enum	{"range":["alarm","normal"]}	
pm25_value	PM2.5检测值	Integer	{"min":0,"max":999,"scale":0,"step":1}	
pm10_state	PM1.0检测状态	Enum	{"range":["alarm","normal"]}	

code	名称	数据类型	取值约束	说明
pm10_value	PM1.0检测值	Integer	{"unit":"","min":0,"max":999,"scale":0,"step":1}	
pm100_state	PM10检测状态	Enum	{"range":["alarm","normal"]}	
pm100_value	PM10检测值	Integer	{"unit":"","min":0,"max":999,"scale":0,"step":1}	
co_state	CO检测状态	Enum	{"range":["alarm","normal"]}	
co_value	CO检测值	Integer	{"min":0,"max":1000,"scale":1,"step":1}	
co2_state	CO2检测状态	Enum	{"range":["alarm","normal"]}	
co2_value	CO2检测值	Integer	{"min":0,"max":1000,"scale":1,"step":1}	
ch2o_state	甲醛检测状态	Enum	{"range":["alarm","normal"]}	
ch2o_value	甲醛检测值	Integer	{"min":0,"max":1000,"scale":1,"step":1}	
doorcontact_state	门磁状态	Boolean	{}	
battery_state	电池电量状态	Enum	{"range":["low","middle","high"]}	
battery_percentage	电池电量	Integer	{"unit":"%","min":0,"max":100,"scale":0,"step":1}	
temper_alarm	防拆报警	Boolean	{}	
watersensor_state	水浸检测状态	Enum	{"range":["alarm","normal"]}	
bright_state	亮度状态	Enum	{"range":["low","middle","high","strong"]}	
bright_value	亮度值	Integer	{"min":0,"max":100,"scale":0,"step":1}	
temp_current	当前温度	Integer	{"min":-400,"max":2000,"scale":1,"step":1}	
humidity_value	湿度数值	Integer	{"unit":"%","min":0,"max":100,"scale":0,"step":1}	
shock_state	震动状态	Enum	{"range":["normal","vibration","drop","tilt"]}	
pressure_state	压力状态	Enum	{"range":["alarm","normal"]}	
pir_state	人体感应状态	Enum	{"range":["pir","none"]}	
smoke_sensor_state	烟雾检测状态	Enum	{"range":["alarm","normal"]}	
smoke_sensor_value	烟雾检测值	Integer	{"min":0,"max":1000,"scale":1,"step":1}	

多功能-传感器(dgnbj) 标准指令集

code	名称	数据类型	取值约束	说明
self_checking	设备自检	Boolean	{}	
alarm_switch	报警开关	Boolean	{}	
muffling	消音	Boolean	{}	
master_mode	主机模式	Enum	{"range":["disarmed","arm","home","sos"]}	
alarm_volume	报警音量	Enum	{"range":["low","middle","high","mute"]}	
alarm_ringtone	报警铃声	Enum	{"range":["1","2","3","4","5"]}	
alarm_time	报警时长	Integer	{"unit":"s","min":0,"max":60,"scale":0,"step":1}	

水浸-传感器(sj) 标准状态集

只上报的状态

code	名称	数据类型	取值约束	说明
watersensor_state	水浸检测状态	Enum	ro	{"range":["1","2"]}
temper_alarm	防拆报警	Boolean	ro	{}
battery_percentage	电池电量百分比	Integer	ro	{"unit": "%", "min": 0, "max": 100, "scale": 0, "step": 1}
battery_value	电池电量值	Integer	ro	{"unit": "", "min": 0, "max": 30000, "scale": 0, "step": 1}
battery_state	电池电量状态	Enum	ro	{"range":["low","middle","high"]}

watersensor_state

"1": 报警
"2": 报警解除

人体存在传感器(hps) 标准状态集

可下发可上报的状态

code	名称
sensitivity	灵敏度
near_detection	最近距离检测
far_detection	最远距离检测
self_checking	设备自检

只上报的状态

code	名称	数据类型	取值描述	说明
presence_state	存在状态	Enum	{"range":["none","presence"]}	
checking_result	设备自检结果	Integer	{"range":["checking","check_success","check_failure","others"]}	

人体存在传感器(hps) 标准指令集

code	名称	数据类型	取值描述	说明
sensitivity	灵敏度	Integer	{"unit": "", "min": 0, "max": 9, "scale": 0, "step": 1}	
near_detection	最近距离检测	Integer	{"unit": "cm", "min": 0, "max": 1000, "scale": 0, "step": 1}	
far_detection	最远距离检测	Integer	{"unit": "cm", "min": 0, "max": 1000, "scale": 0, "step": 1}	
self_checking	设备自检	Boolean	{}	

震动-传感器(zd) 标准状态集

只上报的状态

code	名称	数据类型	取值约束	说明
shock_state	震动状态	Enum	{"range":["normal","vibration","drop","tilt"]}	
temper_alarm	防拆报警	Boolean	{}	
battery_percentage	电池电量百分比	Integer	{"unit":"%","min":0,"max":100,"scale":0,"step":1}	
battery_value	电池电量值	Integer	{"unit":"","min":0,"max":30000,"scale":0,"step":1}	
battery_state	电池电量状态	Enum	{"range":["low","middle","high"]}	

烟雾报警-传感器(ywbj) 标准状态集

可下发指令的状态

code	名称
alarm_volume	报警音量
self_checking	设备自检
alarm_time	报警时长
alarm_ringtone	报警铃声
alarm_switch	报警开关
muffling	消音
test_alarm	声音测试

只上报的状态

code	名称	数据类型	取值约束	说明
preheat	是否预热	Boolean	{}	
checking_result	设备自检结果	Enum	{"range":["checking","check_success","check_failure","others"]}	
lifecycle	使用寿命	Boolean	{}	
temper_alarm	防拆报警	Boolean	{}	
battery_percentage	电池电量百分比	Integer	{"unit":"%","min":0,"max":100,"scale":0,"step":1}	
battery_value	电池电量值	Integer	{"unit":"","min":0,"max":30000,"scale":0,"step":1}	
battery_state	电池电量状态	Enum	{"range":["low","middle","high"]}	
smoke_sensor_value	烟雾检测值	Integer	{"unit":"","min":0,"max":1000,"scale":1,"step":1}	
smoke_sensor_status	烟雾检测状态值	Enum	{"range":["alarm","normal"]}	
smoke_sensor_state	烟雾检测状态	Enum	{"range":["1","2"]}	老版本

smoke_sensor_state

"1": 报警
"2": 报警解除

烟雾报警-传感器(ywbj) 标准指令集

code	名称	数据类型	取值约束	说明
alarm_volume	报警音量	Enum	{"range":["low","middle","high","mute"]}	
self_checking	设备自检	Boolean	{}	
alarm_time	报警时长	Integer	{"unit":"s","min":1,"max":60,"scale":0,"step":1}	
alarm_ringtone	报警铃声	Enum	{"range":["1","2","3","4","5"]}	
alarm_switch	报警开关	Boolean	{}	
muffling	消音	Boolean	{}	
test_alarm	声音测试	Boolean	{}	

酒店门锁(hotelms) 标准状态集

code	名称	数据类型	取值描述	说明
unlock_card	卡片解锁	Integer	{"unit":"","min":0,"max":999,"scale":0,"step":1}	
alarm_lock	报警	Integer	{"range":["wrong_finger","wrong_password","wrong_card","wrong_face","tongue_bad","too_hot","unclosed_time","tongue_not_out","pry","key_in","low_battery","power_off","shock"]}	
residual_electricity	剩余电量	Integer	{"min":0,"max":100,"scale":0,"step":1}	
unlock_remote	远程开门解锁记录	Integer	{"min":0,"max":999,"scale":0,"step":1}	

智能摄像机(sp) 标准状态集

可下发指令的状态

code	名称
ipc_work_mode	工作模式
basic_device_volume	音量控制
floodlight_lightness	灯光亮度
wireless_batterylock	电池锁
siren_switch	警笛
zoom_stop	停止变焦
cry_detection_switch	哭声侦测
decibel_switch	声音侦测报警开关
record_switch	SD卡录像开关
motion_record	SD卡录像模式
sd_umount	卸载存储卡
sd_format	存储卡格式化
device_restart	远程重启
basic_indicator	状态指示灯
basic_private	隐私模式

code	名称
basic_flip	反面翻转
basic_osd	时间水印
basic_wdr	宽动态范围模式
basic_shimmer	微光全彩
ptz_calibration	云台校准
ptz_stop	停止转动
cruise_switch	巡航开关
motion_tracking	移动追踪
motion_switch	移动报警开关
motion_timer_switch	移动侦测-模式选择
flight_warn_switch	警示开关
flight_pir_a	pir传感器1
flight_pir_b	pir传感器2
flight_pir_c	pir传感器3
floodlight_switch	灯
zoom_control	焦距控制
decibel_sensitivity	声音侦测灵敏度
record_mode	录像模式
basic_nightvision	红外夜视
basic_anti_flicker	抗闪烁
ptz_control	云台转动
motion_interval	报警间歇
motion_sensitivity	移动侦测灵敏度
flight_bright_mode	亮度模式
pir_sensitivity	pir灵敏度

只上报的状态

code	名称	数据类型	取值约束	说明
wireless_electricity	电量	Integer	{"min":0,"max":100,"scale":0,"step":1}	
wireless_powermode	供电方式	Enum	{"range":["0","1"]}	
sensor_humidity	湿度	Integer	{"min":0,"max":100,"scale":0,"step":1}	
sensor_temperature	温度	Integer	{"min":0,"max":50,"scale":0,"step":1}	
sd_format_state	格式化状态	Integer	{"min":-20000,"max":100,"scale":0,"step":1}	
sd_status	存储卡状态	Integer	{"min":1,"max":5,"scale":0,"step":1}	
sd_storge	获取存储卡容量	String	{"maxlen":255}	

wireless_powermode

供电方式

"0": 电池供电状态
"1": 插电供电状态（或电池充电状态）

sd_format_state

格式化状态

正数值表示格式化进度，负数值表示特定的错误码。

0~100: 正数为格式化进度
-2000: SD卡正在格式化
-2001: SD卡格式化异常
-2002: 无SD卡
-2003: SD卡错误

sd_status

"1": 正常
"2": 异常
"3": 空间不足
"4": 正在格式化
"5": 无SD卡

sd_storge

单位为kb,
格式示例:
3503775744|778977280|2718158848 其中第一个字符串是总容量，第二个字符串是已使用的容量，第三个是剩余容量

智能摄像机(sp) 标准指令集

code	名称	数据类型	取值约束	说明
ipc_work_mode	工作模式	Enum	{"range":["0","1"]}	
basic_device_volume	音量控制	Integer	{"min":1,"max":10,"scale":0,"step":1}	
floodlight_lightness	灯光亮度	Integer	{"min":1,"max":100,"scale":0,"step":1}	
wireless_batterylock	电池锁	Boolean	{}	
siren_switch	警笛	Boolean	{}	
zoom_stop	停止变焦	Boolean	{}	
cry_detection_switch	哭声侦测	Boolean	{}	
decibel_switch	声音侦测报警开关	Boolean	{}	

code	名称	数据类型	取值约束	说明
record_switch	SD卡录像开关	Boolean	{}	
motion_record	SD卡录像模式	Boolean	{}	
sd_umount	卸载存储卡	Boolean	{}	
sd_format	存储卡格式化	Boolean	{}	
device_restart	远程重启	Boolean	{}	
basic_indicator	状态指示灯	Boolean	{}	
basic_private	隐私模式	Boolean	{}	
basic_flip	反面翻转	Boolean	{}	
basic_osd	时间水印	Boolean	{}	
basic_wdr	宽动态范围模式	Boolean	{}	
basic_shimmer	微光全彩	Boolean	{}	
ptz_calibration	云台校准	Boolean	{}	
ptz_stop	停止转动	Boolean	{}	
cruise_switch	巡航开关	Boolean	{}	
motion_tracking	移动追踪	Boolean	{}	
motion_switch	移动报警开关	Boolean	{}	
motion_timer_switch	移动侦测-模式选择	Boolean	{}	
flight_warn_switch	警示开关	Boolean	{}	
flight_pir_a	pir传感器1	Boolean	{}	
flight_pir_b	pir传感器2	Boolean	{}	
flight_pir_c	pir传感器3	Boolean	{}	
floodlight_switch	灯	Boolean	{}	
zoom_control	焦距控制	Enum	{"range":["0","1"]}	
decibel_sensitivity	声音侦测灵敏度	Enum	{"range":["0","1"]}	
record_mode	录像模式	Enum	{"range":["1","2"]}	
basic_nightvision	红外夜视	Enum	{"range":["0","1","2"]}	
basic_anti_flicker	抗闪烁	Enum	{"range":["0","1","2"]}	
ptz_control	云台转动	Enum	{"range":["0","1","2","3","4","5","6","7"]}	
motion_interval	报警间歇	Enum	{"range":["1","3","5"]}	
motion_sensitivity	移动侦测灵敏度	Enum	{"range":["0","1","2"]}	
flight_bright_mode	亮度模式	Enum	{"range":["0","1"]}	
pir_sensitivity	pir灵敏度	Enum	{"range":["0","1","2"]}	

ipc_work_mode

"0":低功耗模式
"1":连续工作模式

```
{
  "commands": [
    {
      "code": "ipc_work_mode",
      "value": "0"
    }
  ]
}
```

zoom_control

机械变焦。

"0": 减焦距
"1": 加焦距

decibel_sensitivity

"0": 低灵敏度
"1": 高灵敏度

record_mode

"1": 为事件录像（检测到移动再录像到SD卡）
"2": 为连续录像

basic_nightvision

"0": 自动
"1": 关
"2": 开

basic_anti_flicker

"0": 关闭功能
"1": 50Hz
"2": 60Hz

ptz_control

"0":上
"1":右上
"2":右
"3":右下
"4":下
"5":左下
"6":左
"7":左上

motion_interval

报警间歇，单位为分钟。枚举值，根据枚举值的数值显示对应的分钟选项。

"1":1分钟
"3":3分钟
"5":5分钟

motion_sensitivity

"0":低灵敏度
"1":中灵敏度
"2":高灵敏度

flight_bright_mode

"0":手动模式
"1":自动模式

pir_sensitivity

pir灵敏度

"0":低灵敏度
"1":中灵敏度
"2":高灵敏度

PIR人体移动-传感器(pir) 标准状态集

只上报的状态

code	名称	数据类型	取值约束	说明
pir	人体感应状态	Enum	ro	{"range":["pir","none"]}
temper_alarm	防拆报警	Boolean	ro	{}

code	名称	数据类型	取值约束	说明
battery_percentage	电池电量百分比	Integer	ro	{ "unit": "%", "min": 0, "max": 100, "scale": 0, "step": 1 }
battery_state	电池电量状态	Enum	ro	{ "range": ["low", "middle", "high"] }
battery	电池电量	Integer	ro	{ "unit": "", "min": 0, "max": 10000, "scale": 0, "step": 1 }
battery_value	电池电量值	Integer	ro	{ "unit": "", "min": 0, "max": 30000, "scale": 0, "step": 1 }

甲烷报警-传感器(jwbj) 标准状态集

可下发指令的状态

code	名称
muffling	消音
alarm_switch	报警开关
self_checking	设备自检
alarm_time	报警时长
alarm_rington	报警铃声
alarm_volume	报警音量

只上报的状态

code	名称	数据类型	取值约束	说明
ch4_sensor_value	甲烷检测值	Integer	{ "min": 0, "max": 1000, "scale": 1, "step": 1 }	
ch4_sensor_state	甲烷检测状态	Enum	{ "range": ["alarm", "normal"] }	
battery_percentage	电池电量	Integer	{ "unit": "%", "min": 0, "max": 100, "scale": 0, "step": 1 }	
battery_state	电池电量状态	Enum	{ "range": ["low", "middle", "high"] }	
lifecycle	使用寿命	Boolean	{ }	
preheat	是否预热	Boolean	{ }	
checking_result	设备自检结果	Enum	{ "range": ["checking", "check_success", "check_failure", "others"] }	
temper_alarm	防拆报警	Boolean	{ }	

甲烷报警-传感器(jwbj) 标准指令集

code	名称	数据类型	取值约束	说明
muffling	消音	Boolean	{ }	
alarm_switch	报警开关	Boolean	{ }	
self_checking	设备自检	Boolean	{ }	
alarm_time	报警时长	Integer	{ "unit": "s", "min": 1, "max": 60, "scale": 0, "step": 1 }	
alarm_rington	报警铃声	Enum	{ "range": ["1", "2", "3", "4", "5"] }	
alarm_volume	报警音量	Enum	{ "range": ["low", "middle", "high", "mute"] }	

标准指令集说明

标准产品类别

- 这里提供了可使用"标准指令集"进行控制，和可使用"标准状态集"进行状态查询的标准化的产品类别列表。

标准指令集

- 标准指令集:设备可下发的控制功能指令集合。以产品类别区分，具体产品支持的控制指令是该类产品[标准指令集]的子集。

标准状态集

- 标准状态集:设备可上报的功能状态集合。以产品类别区分，具体产品支持的功能状态是该类产品[标准状态集]的子集。

注意

- 这里提供了涂鸦平台部分品类产品的指令集，更多产品持续适配中，如有需求可联系涂鸦工作人员；
- 需要注意的是，这里提供的指令集与涂鸦开发平台产品功能定义中并不强一致，涂鸦开放平台适配了涂鸦iot平台中相同品类下不同产品的指令；
- 开发者在这里只需要适配涂鸦相同品类的指令集即可控制涂鸦相同品类下不同的产品；
- 若返回的标准产品类别码为qt，这是早期的产品，可能还不支持，如需接入请联系涂鸦工作人员进行确认。

如何检查您已有的产品是否支持[标准产品]接入

- 1.查询您的设备支持哪些可控制的功能属性（即指令集），支持哪些可上报的状态属性（即状态集）。(如果您在这一步查询到的结果为空，您可联系涂鸦的工程师进行确认)

```
/v1.0/devices/{device_id}/specifications
```

- 2.对设备下发指令(从上一步查询到的指令集里选取指令)，调试设备功能是否都正常可以控制。

```
/v1.0/devices/{device_id}/commands
```

- 3.查询该设备当前的状态情况。

```
/v1.0/devices/{device_id}/status
```

数据类型，取值约束解释说明

数据类型：

1. **布尔型 (Boolean)**：非真即假的二值型变量。如：开关功能，开/关；
2. **数值型 (Integer)**：适用于可线性调节类型的数据。如：温度调节，温度范围20-40°C；
3. **枚举型 (Enum)**：有限集合值。如：工作档位，低档/中档/高档；
4. **字符串型 (String)**：以字符串形式下发值；
5. **对象类型 (Json)**：下发的值是一个对象的json格式，会有对应对象属性说明解释。

数据传输类型：

1. 可下发可上报：指令数据可以下发给设备，设备数据可以上报给云端；
2. 只上报：数据只支持从设备上报；
3. 只下发：数据只支持从云端下发。

数据取值约束解释

Integer 类型示例格式：

```
{ "min":11,"unit":"s","scale":0,"max":86400,"step":1 }
```

(1)解释：

- min:最小取值。示例为：11
- max:最大取直。示例为：86400
- unit:数值的单位。示例为：s
- scale:数据将以10的指数转换进行传输。示例为：0 表示，乘以10的0次方，即为1。
- step:数据增量间距（即‘步长’）。示例为：1

(2)对scale的含义解释

示例：如下是对电压的一个值的约束定义

code	名称	数据类型	取值约束
cur_voltage	当前电压	Integer	{ "unit":"V", "min":0, "max":5000, "scale":1, "step":1 }

示例解释说明：

这个示例里，scale 的值是1(即对于设备上报的值是以乘以10的1次方的形式传输)

如查询设备状态得到的值是 { "cur_voltage":2230} ， 真实的用户可读值为 2230/(10^1)=223V (即电压是：223伏特)

(3)对于标准指令集里涉及到的文档，所给的取值范围约束都是一个参考范围，实际每个设备有自己的具体取值约束范围。

String 类型示例格式：

```
{ "maxLen":255 }
```

解释：

- maxlen:值最大长度。示例为255。

Enum 类型示例格式：

```
{ "range": ["1","2","3","4","5"] }
```

解释：

- range:枚举取值限定范围。示例为：“1","2","3","4","5”。

Json 类型查看附录对对应对象属性说明。

Boolean 下发布尔类型值即可。