

电力监测器 Electricity Monitor

TASMOTA



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Remote / Public MQTT Broker
远程/公共 MQTT 代理

Monitor Host publish end devices every 1 minute
监控主机每 1 分钟发布一次终端设备信息
Support 30 devices
最多支持 30 台设备



Remote Power Failure Alert
远程电源故障警报

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Devices reply host every 1 minute
设备每 1 分钟向主机回复一次

Electrical Voltage
too high or low alert
电压过高或过低警报

Electrical Current
too high or low alert
电流过高或过低警报



APP Notification Sound
APP 通知音



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部署與案例研究

Deployment & Case Study

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Aquarium water / air pump
水族箱水/气泵

Aquarium shop
水族馆商店



Normal Operations
Electrical Current 0.6A
正常操作电流 0.6A

System set current low limit to 0.5A
系统将电流下限设置为 0.5A



Air pump out of order, current drop to 0.3A
Monitor send alert to MQTT
气泵故障, 电流降至 0.3A
监控器向 MQTT 发送警报



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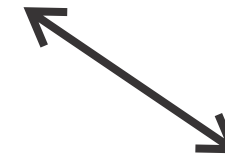
部署與案例研究

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Freezer Room Power Failure Alert
MQTT Alert APP Notification Sound
冷冻室断电警报
MQTT Alert APP 警报通知音



APP Notification Sound
APP 通知音



远程监控中心

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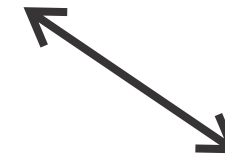
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Office server room Power Failure Alert
办公室服务器机房断电警报



Power Failure:
Email Alert
APP Alert
Telegram
WhatsApp
WeChat

停电警报:
电子邮件警报
APP警报
Telegram警报
WhatsApp警报
微信警报



远程监控中心

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