

WxS885B-9113x1_(x:1/3)

LoRaWan Smart Socket

Product Highlights

- ❖ LoRawan Portable/Wall-embedded Smart Socket
- ❖ Based on LoRaWAN 1.0.2
- ❖ Class C Speed Control
- ❖ Support power-off/power on alarm (Overcurrent protection / Load sensing)
- ❖ Support remote control of power on/off
- ❖ Support button control of power on/off
- ❖ The indicator light displays the status
- ❖ Support LoRa downlink/Bluetooth tool configuration
- ❖ Strong penetration
- ❖ Easy installation
- ❖ Antenna: Integrated internal antenna
- ❖ Optional (Public/Private) IoT cloud platform PolySuite iView and LoRaWAN network iServer

Specifications

Parameters				
Product Number	WxS885B-911311		WxS885B-911331	
Product picture				
Holes	5-holes	3-holes	5-holes	3-holes
Type	Portable		Wall-embedded	
Max. Output Current	10 A	16 A	10 A	16 A
Reported Data	Power-on status / Switch status / Energy consumption data		Power-on / Event / Status / Action	
Control Method	Professional energy metering IC / Relay control		/	
Parameter Configuration	Bluetooth Mini-Program / LoRa Downlink		LoRa downlink / Bluetooth tool	
Event Alarm	/		Overcurrent protection / Load sensing	
Wireless				
Protocol Version	LoRaWAN 1.0.2			
Communication Mode	Class C (Immediate Downlink Communication)			
Frequency Bands	CN470/EU868/US915/AU915/AS923			
Network Access Mode	/		OTAA/ABP	
Receive Sensitivity	-141 dBm @ SF12, 152 kHz			
Transmit Power	17 dBm (CN470), max. 27 dBm			
Communication Range	Urban: 2-4 km / Suburban: 5-10 km			

Machinery		
Size	100 × 53 × 33 mm	86 × 86 × 32 mm
Installation Method	Standard mains plug	86-type wall box installation, screw-fixed
operation temperature	-25 °C to +60 °C	-10 °C to +60 °C
Operating Humidity	≤95% RH (non-condensing)	5%–90% RH (non-freezing, non-condensing)
Power		
Power Supply	AC 110–260 V	Standard 90–250 VAC



Decoder

- ❖ Payload Online Decoder:
 - <https://www.polysense.online/decode/index.html>
- ❖ Payload Online Documentations:
 - <https://github.com/Polysense/SensorDecoders>

Application

Widely used in IoT fields such as smart gateways, smart security, smart lighting, and smart homes.

