Smart Scene Panel

Featuring LoRaWAN®

WS136&WS156



WS136 & WS156 LoRaWAN® Smart Scene Panel gives a multi button control panel that can simply activate different pre-defined scenes with one-press. Without any additional cable, WS136 & WS156 can be easily installed anywhere and used to control devices via LoRaWAN® or Milesight D2D communication protocol. Besides, it's equipped a user-defined E-ink screen to suit different scenes. Compliant with Milesight LoRaWAN® gateway and Milesight IoT Cloud solution, WS136 & WS156 can be linked to control another Milesight devices without any development.

WS136 & WS156 can be widely used for wireless control in smart office, smart home and hotel multi-scene controls, etc.

◆ Features

- Equipped with a programmable E-ink screen for flexible display
- Up to 6 scenes settable, each scene can consist of multiple devices
- Equipped with NFC for one-touch configuration, supporting card emulation mode
- Support Milesight D2D protocol to enable ultra-low latency and directly control without gateway
- Compliant with standard LoRaWAN® gateways and network servers
- Compliant with Milesight IoT Cloud
- Easy installation and multiple installation ways without wiring

◆ Specifications

Wireless Transmission	
Technology	LoRaWAN®, Milesight D2D
Antenna	Internal Antenna
Frequency	CN470/RU864/IN865/EU868/US915/AU915/KR920/AS923-1&2&3&4
Tx Power	16 dBm (868 MHz)/22 dBm (915 MHz)/19 dBm (470 MHz)
Sensitivity	-137dBm
Mode	OTAA/ABP Class A
Interface	
Display	WS156: 2.9-Inch Black & White E-Ink Screen, 128 × 296 Pixels WS136: PVC Sticker (Customizable)
Scene Button	6 Buttons
Button Light	Blue
Others	1 × Reset Button (Internal) + 1 × LED Indicator
Software	
Configuration	Mobile App via NFC or Downlink
Advanced Features	Milesight D2D Controller, Screen Display Customization
Physical Characteristics	
Power Supply	2 × 590 mAh CR2450 Lithium Coin Cell Batteries
Battery Life*	Over 3 years (1080 min interval + 20 presses per day, 25°C)
Ingress Protection	IP30
Color & Material	White, PC + ABS (Flame-retardant)
Operating Temperature	-10°C ~ +50°C (E-Ink Screen: 0°C ~ 50°C)
Relative Humidity	≤ 90% (Non-condensing)
Weight	90g (With Batteries)
Dimensions	86 × 86 × 14 mm (3.39 × 3.39 × 0.55 in)
Installation	Desktop, 3M Tape Mounting, 86 Box Mounting
Approvals	
Regulatory	CE, FCC, LoRaWAN® Certified
Environmental	RoHS

* Tested under laboratory conditions and for guideline purposes only.

◆ Dimensions (mm)

