

Smart Scene Panel

Featuring LoRaWAN®

WS156

Milesight



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, 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, WS156 can be linked to control another Milesight devices without any development.

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	2.9-Inch Black & White E-Ink Screen, 128 × 296 Pixels
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)

