DHI-ICS2-W2

Smart Plug

- Two-way RF communication.
- Displays the status with an LED indicator.
- Supports cloud update and auto recovery after an update fails.
- Offers protection against overcurrent, overvoltage, and overheating.
- Detects the voltage, current and temperature.
- Generates power consumption statistics and it can be reset to clear the statistics.
- Features bistable mode and pulse mode.

Series Overview

The Smart Plug is a highly intuitive power switch. It can be remotely controlled through the mobile app, scheduled to turn on and off, and set to activate automatically when alarms are triggered or the system is armed or disarmed.

Scene

Suitable for scenes where remote control, electrical safety and energy efficiency are prioritized such as houses, stores and office buildings.

Technical Specification

Function

Indicator Light	1 indicator light, displays multiple status Flash green: paring Solid green: the circuit is closed Light off: the circuit is open
Remote Update	Supports cloud update
Button	1 button, perform multiple operations (open/close the circuit, restore to the factory settings and pair)
Signal Strength	Supports detecting signal strength.

Wireless

Frequency Range	433.1-433.6 MHz
Communication Distance	In an open environment: 800 m (2,624.67 ft)
MAX Power	433.1-433.6 MHz@0 dBm
Communication Mechanism	Two-way communication.
Encryption Mode	AES-128
Frequency Hopping	Yes

General

Operating Environment	Indoor: −20 °C to +50 °C (−4 °F to +122 °F)
Operating Humidity	10%–90% (RH), non-condensing
Power Supply	100–130 VAC, 50/60 Hz
Product Dimensions	66.6 mm × 40.6 mm × 50.6 mm (2.62" × 1.60" × 1.99") (L × W × H)
Installation	With power strip/3 Pin
Net Weight	62 g (0.14 lb)
Power Consumption	0.5 W
Casing Material	PC

Port

Relay Output	1 port, NO/NC (100–130 VAC, max 15 A)

Data Monitoring

Data Monitoring	Yes
Data Type	Current; voltage; temperature

Accuracy

Temperature Monitoring Accuracy	Protection range: 0 °C to +55 °C (+32 °F to +131 °F) Measurement Accuracy: ±2% or ±2 °C
Voltage Measurement Accuracy	Protection range: 100–135 V Measurement Accuracy: level 1.0 and above.
Current Measurement Accuracy	Protection range: 0–15 A Measurement Accuracy: level 1.0 and above.

Alarm

Alarm Type	Alarm for overcurrent, overvoltage, and overheating

Ordering Information

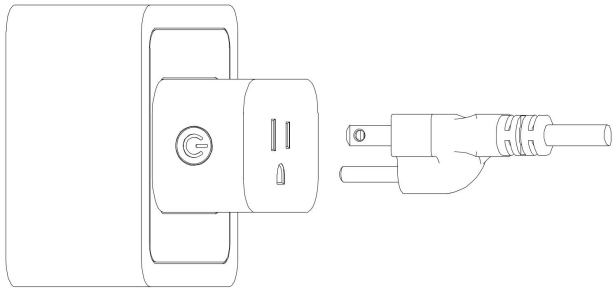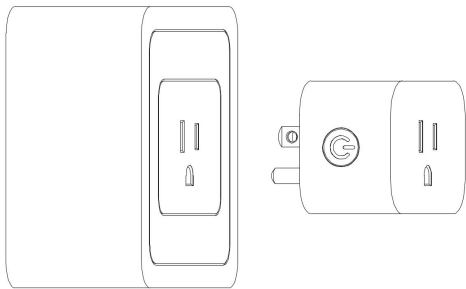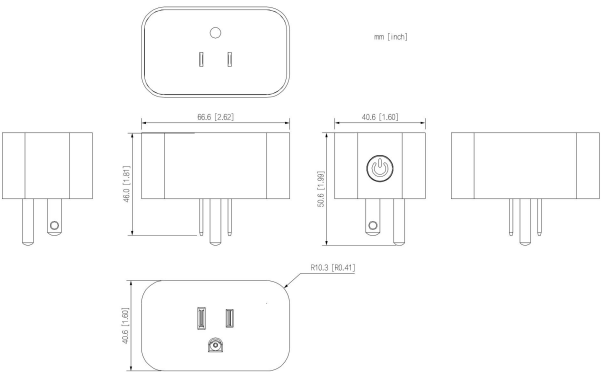| Type	Model	Description
Smart Plug	DHI-ICS2-W2	Smart Plug

Accessories

Optional:

DHI-ARC3000H-FW2

Dahua Wireless Alarm Hub

Dimensions (mm[inch])

Application