Product Specifications ZPE-SMK-U01

ZPE

HARDWARE

Smoke Sensitivity	Complies with EN 54-7:2000+ A1:2002
Protection	IP30 Ingress
Requirements	ZPE-IO8-U01 & ZPE-RL4-U01
	SOLD SEPARATELY
	Must be installed to the Nodegrid environment prior to setting up Smoke Detector
Supply Voltage	12V with USB Adapter
Operating Temperature & Humidity	-10° to 55° C (14° to 131° F)
	93±3% at 40° C (104° F)
Cables	Relay & Power
	Relay & Power Extension: 4 meters (13 feet)
	IO Extension Cable: 4 meters (13 feet)
	USB Adapter: 1 meter (3.33 feet)

DESCRIPTION

Detects smoke in the local environment. Use in conjunction with ZPE 4-Channel Relay and 8-Channel GPIO Modules (USB-powered). Sends notification when the detector is triggered and remotely powers off. Control and read status with CLI, WebUI, SNMP, or Restful APIs.

We suggest placing this product here

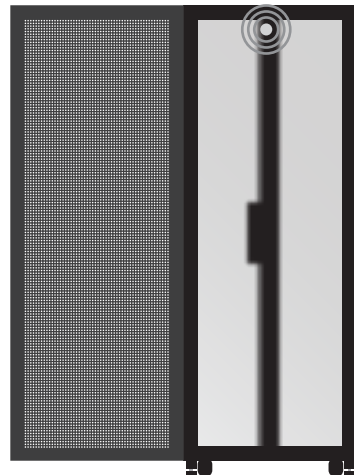*Rack cage may be a different model or size.

FOR MOUNTING

a. Detach base from unit.

b. Mount base with screws, top down and parallel to the ground.

c. Reattach top cover.

ASSEMBLED IN THE USA

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Quick Install Guide

Smoke Detector (USB)
ZPE-SMK-U01

COMPATIBLE WITH
**ALL NODEGRID DEVICES**

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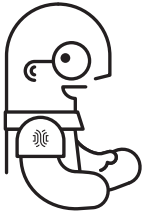
Let's set up your Smoke Detector

1 Make sure that the GPIO and Relay Modules are on hand and set up properly to a Nodegrid device before connecting the pieces as shown.
Refer to the GPIO and Relay Module Quick Install Guides for details.

8-Channel GPIO Module
ZPE-I08-U01
Not included
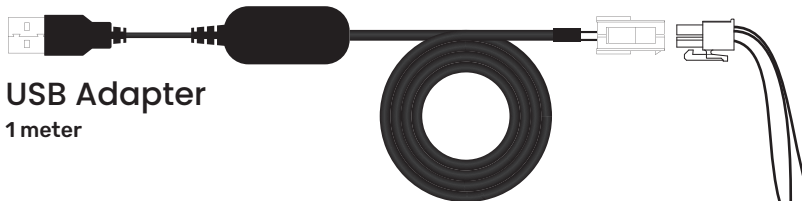*Must be already installed to a Nodegrid hardware.*
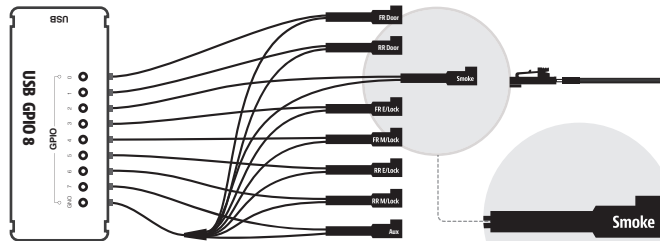
IO Extension Cable
4 meters
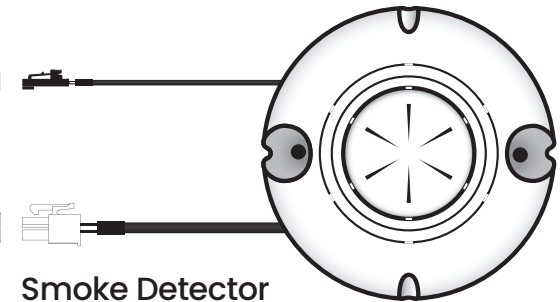
Smoke Detector

2 Once everything is connected, mount to rack then plug the USB Adapter to ANY available live USB port to supply power to the Smoke Detector.
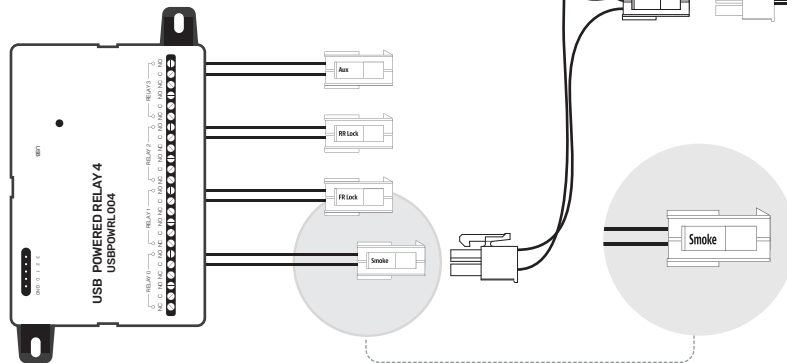*Mounting instructions in back.*

USB Adapter
1 meter

Relay & Power Cable

Relay & Power Extension Cable
4 meters

4-Channel Relay Module
ZPE-RL4-U01
Not included
Must be already installed to a Nodegrid hardware.

3 Ensure minimum Nodegrid OS version meets sensor requirements. Upgrade Nodegrid OS to minimum version 5.4.1

nodegrid os

4 For more information, visit the **"Sensor Quick Install Guide"** section at:
https://www.zpesystems.com/user-manuals/

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5 OPTIONAL: To configure data collection in ZPE Data Lake, refer to **Appendix C** in the latest ZPE Cloud Manual at:
zpesystems.com/user-manuals/