Optical Dust Sensor (ENV-DUST)

TOP VIEW

SIDE VIEW
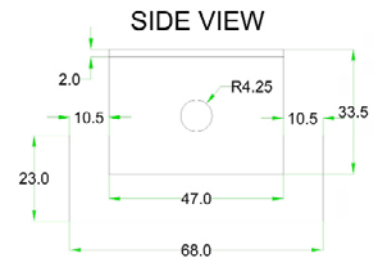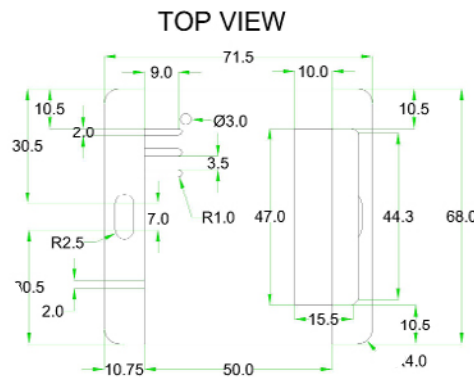
General Description

Designed to monitor dust particles in data centers, server rooms & cabinets.

Key Features

- plugs into the base unit (BASE-WIRED).
- powered by the base unit (BASE-WIRED).
- 0U Rack or wall mountable sensor.
- alerts via SNMP Traps, email, SMS or voice calls.

- compact & affordable optical dust sensor made in Japan.
- reports dust density in mg/m³
- range: 0 to 600 μg/m³
- measures total dust density (PM2.5 & PM10 combined)
- sensitivity: 100 μg/m³

Technical Specifications

Power Source:	SensorGateway (BASE-WIRED)
Power Usage	156 mW
Range:	0 – 600 μg/m³
Particle size:	PM2.5 and PM10
Sensitivity:	100 μg/m³
Measurement mechanism:	Optical

Environmental and Physical Specification

Operating temperature range	0°C to +75°C (32°F to +167°F) in PoE mode
Humidity (operating and storage)	< 90% rH (non-condensating).
Dimensions	74 mm (2.9") x 66 mm (2.59") x 22 mm (0.8")
Weight	0.14kg (0.31 lbs.)