RFCODE

SENTRY

E200 - Sentry Monitoring Device

Sentry is constantly monitoring unmanned, remote IT environments so you don't have to. With deep intelligence and real-time alerts, Sentry makes it easier to prevent, thwart, or remediate costly IT situations.

Features & Benefits

- Quick, easy setup in 20 minutes or less
- Sentry Vision provides one view of many locations and Sentry devices
- Ambient temperature monitoring
- Humidity Monitoring
- Thermal imaging with 768 thermal monitoring points
- Motion Detection Alerts
- Real-time visibility of critical assets
- Backup battery for failure-tolerance
- ¼ - 20 camera mount for easy installation

RF Code's E200 – Sentry Monitoring Device is an all-in-one monitoring device that becomes your eyes and ears of your unmanned, remote IT spaces. This Sentry device is the capture point to enable a quick response to potential issues within your environment to eliminate costly downtime or unwarranted service calls.

Sentry Vision provides a safe, secure way to monitor many locations in real-time from anywhere using a web browser or our Sentry Mobile App. Setup of this device is also very easy and can be completed within 20 minutes, requiring minimal IT knowledge. Sentry can be connected via ethernet or Wi-Fi connections and powered up using the provided USB-C cable or Power over Ethernet. There are two mounting points on the device that use a standard ¼ - 20 camera mount which allows for flexible installation. Included with E200 is a wall mount with 2 pivot points to allow for easy adjustments. Once setup, this device is monitoring many different aspects of the location. For understanding of the environment within, there is a thermal imaging sensor that is collecting 768 different points in view. Additionally, a sensor is providing the ambient temperature and humidity of the room overall. Lastly, the 720p camera provides a live view of exactly what is happening in the space, tracking if there is unusual activity or motion in the room.

The Sentry device is a completely enclosed device with built-in tamper triggers to protect the device from being compromised. Inside the device there is a battery backup to ensure uptime of the device in a power event. Once power is down, Sentry will continue to monitor your space for 30 minutes, allowing for ample time to determine the root cause of an outage.

OPERATION	
Ethernet Speeds Supported	10/100/1000
Wi-Fi	802.11ac
BLE	5.0

ENCLOSURE	
Width	7.5 in. (19.05 cm)
Height	7.5 in. (19.05 cm)
Depth	1.66 in. (4.21 cm)
Weight	1.5 lbs. (0.6 kg)
Construction	PC/ABS
Mounting Options	¼ - 20 camera mount

ENVIRONMENTAL	
Operating Temperature	0° C to +60° C
Storage Temperature	0° C to +80° C
Temperature Sensor Accuracy	+/- 1° C (typical)
Humidity Sensor Accuracy	+/- 3% RH (typical)

CAMERA	
Resolution	720p
Lens Specification	1/4”
Field of View	120° x 75°
IR illumination power	2.5 Watts

THERMAL IR SENSOR	
Resolution	32 X 24 Pixels
Viewing Angle	110° X 75°
Measurement Temperature Range	-40° C +300° C
Accuracy	+/- 1.5° C

POWER	
Max Power Consumption	20 Watts
Typical Power Consumption	13 Watts
Battery Life – Sleep	6+ Month
Battery Life – Active	At least 30 minutes*
Battery Charging Time	7 hours

*Under normal conditions, without live video streaming

REGULATORY	
FCC Compliance	Class A
PoE Standard	IEEE802.3at compliant
PoE type/class	Type 2 Class 4

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