

Orbit 8 Overview

Specifications

Functional

- Non-volatile (Flash) data storage, batterybacked real-time clock
- Remotely configurable, remotely upgradeable
- Video recording and streaming capabilities to aid in certifying counting accuracy

Physical

- Size: 3.5in. x 6.7in. x 2.0in. (8.9cm x 17.0cm x 5.0cm)
- Weight: 11.2 oz. (318 gm)
- Material: High impact plastic
- Color: White and black (other on special order)
- Mounting:
 - Clip-on surface mount; cable optionally routed on or through ceiling surface
 - Flush mount

Electrical

- Communications:
 - 48 V Power over Ethernet 802.3af
 - 10/100 Base T

by Johnson Controls

Cable:

- Cat 5, Cat 5e or Cat 6
- Up to 330ft. (100m) to a single device, extended with PoE repeater(s)
- Power:
 - Powered through communications cable
 - 3.75W typical
- Auxiliary Port:
 - USB 2.0, for extensibility

Environmental

- 5% 90% Relative Humidity, non-condensing
- 0 deg. C 50 deg. C (32 deg. F 122 deg. F)
- Scene mean ambient lighting from 100lux up to 150,000lux

Certifications

- FCC Part 15
- CE EMI and Susceptibility
- Low voltage for safety
- RoHS compliant

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