

# Orbit 8 Overview



## Specifications

### Functional

- Non-volatile (Flash) data storage, battery-backed 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

- **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

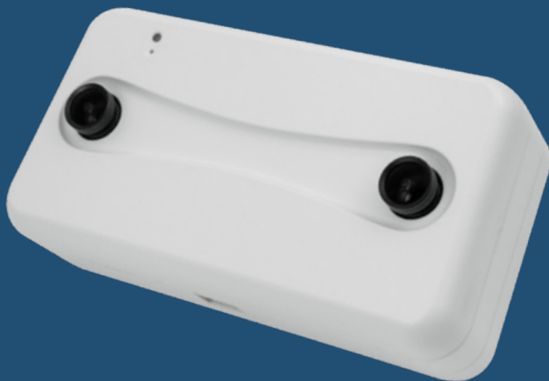
### Environmental

- 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

# Orbit 8 Overview



## Specifications

### Functional

- Non-volatile (Flash) data storage, battery-backed 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
- **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