



## Guardian Access Device Specifications

### Physical Dimensions:

Weight: 4 lbs  
Height: 16.0"  
Width: 5.8"  
Depth: 4.3"  
Construction: Injection molded polyester thermoplastic

### Power Specifications:

Input: 48 VDC  
Max Current Draw: 1.25 A

### Recommended Power Adapter:

AvaSure P/N A-034001

### Power over Ethernet (PoE++):

IEEE 802.3bt POE++ Class 7 62W Max Power  
(DC Power Not Required in PoE++ Configuration)

### Device Certification:

Conforms to UL 62368-1:2019 Ed. 3 - (Audio/Video, Information & Communication Technology Equipment - Part 1: Safety Requirements)  
Certified to CSA STD C22.2#62368-1  
Control Number 5022036

FCC Title 47 CFR Part 15

### Operating Conditions:

0 – 46 °C (32 – 115 °F)

### Per Device Bandwidth Requirements:

Average: 1.8 Mbps

### Camera Resolution:

13 MP

### Video Resolution:

1280 x 720

### Audio System:

Microphone element sensitivity –38 dB +/- 3 dB  
Frequency response 90 Hz – 8.3 kHz  
Speaker power output 10 W  
Two-way, half duplex (default), full duplex

Additional installation documentation provided during Project Planning phase.

**⚠ WARNING:** These products contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information: <http://www.P65warnings.ca.gov/>

### AVA-B-0105-1





## Guardian Access Device Camera Specifications

### Lens:

f = 2.1 mm, BFL = 6.25 mm

Fixed F-stop of F1.8

Field of View (D / H / V), 170° / 130° / 96°

### Minimum illumination:

0.0 Lux @ F1.8

### Pan/Tilt/Zoom:

Digital pan/tilt around image

8x digital zoom

### Maximum Frame Rate:

30 frames per second (fps)

### Audio streaming:

Two-way, full duplex

## AVASURE INFRARED ILLUMINATOR SPECIFICATIONS

Typical Range: 20 feet (7m)

Wavelength: 940 nm

LED Beam Width: 120° angle

Switching Frequency: 642 kHz