

Guardian Ceiling Device Specifications

Device Models:

AVA-R-0203-1: 24" x 24" ceiling tile
 AVA-R-0204-1: 600mm x 600mm ceiling tile
 AVA-R-0205-1: Drywall and joist ceiling installation

Physical Dimensions:

AVA-R-0203-1 – Bezel Footprint: 23.93" x 23.93"
 AVA-R-0204-1 – Bezel Footprint: 599.5mm x 599.5mm
 Weight: 12.5 lbs.
 Height above grid: 2.83"
 Depth below grid: 4.83"

AVA-R-0205-1 – Surface Mount Bracket: 1 1/2" x 26 3/8"
 AVA-R-0205-1 – Surface Mount Bezel: 28" Dia.
 Weight: Device 13.5 lbs. + mounting brackets 2.2 lbs.
 Depth below ceiling: 8 1/4"

Power Requirements:

90-264 VAC 50/60 Hz
 Maximum Current Draw: 465 mA @ 115 VAC
 Typical Current Draw: 280 mA @ 115 VAC

Power over Ethernet (PoE+):

IEEE 802.3at-2009 POE+ 30W Max Power
 (AC Power Not Required in PoE Configuration)

Ceiling Device Certification:

File E479999
 UL 60950-1 & CAN/CSA C22.2 No. 60950-1-07 - Information
 Technology Equipment - Safety - Part 1: General Requirements

Per Device Bandwidth Requirements:

Average: 640 kbps
 Average with Infrared: 768 kbps
 Peak with full range PTZ: 4 Mbps

Audio System:

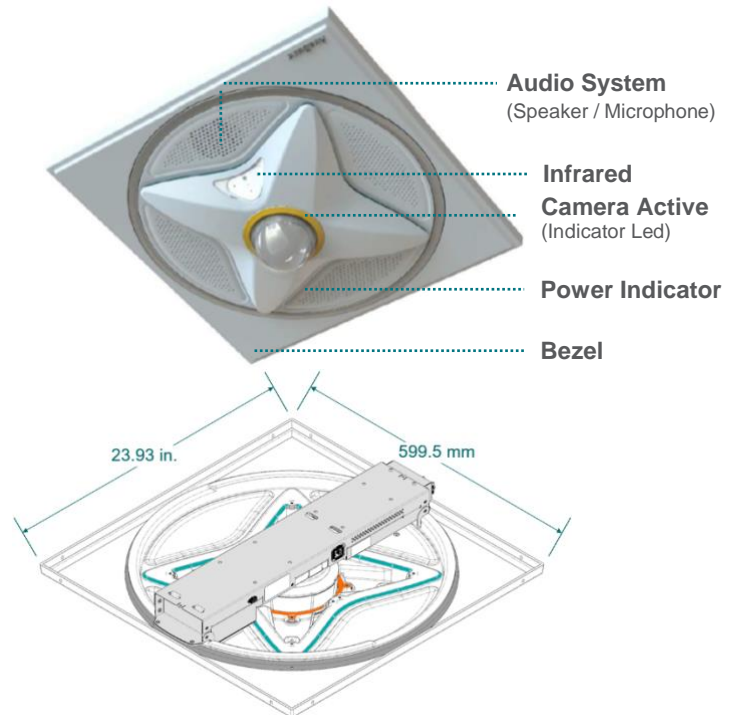
Microphone element sensitivity: -35 ± 4 dB
 Frequency response: 40Hz - 10kHz
 Speaker power output: 10 W
 Two-way, half duplex

Installation Requirements:

The AVA-R-0203-1 system will replace an Imperial standard 24-inch x 24-inch acoustic ceiling tile.
 The AVA-R-0204-1 system will replace a Metric standard 600mm x 600mm acoustic ceiling tile.
 The AVA-R-0205-1 system installs over a drywall and joist ceiling (1" spacing between each anchor hole)
 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-R-0203-1 AVA-R-0204-1



AVA-R-0205-1





Guardian Ceiling Device Camera Specifications

Lens:

F4.7 – 47 mm, F1.6 – 3.0, 6.7° – 61.8° horizontal field of view,
3.8° ~ 37.2° vertical field of view, Autofocus, Autoliris

Minimum illumination:

0.45 Lux @ 30 IRE F1.6 (Color)
0.01 Lux @ 30 IRE F1.6 (B/W)

Shutter time:

2 sec. to 1/66,500 sec.

Pan/Tilt/Zoom:

256 preset locations, 128 presets per tour
Auto-flip, E-flip
360° endless pan range, 1.8° - 150°/s pan speed
90° tilt range, 1.8° - 150°/s tilt speed
10x optical zoom, 12x digital zoom, 120x total zoom

Maximum Frame Rate:

15 Frames per second on all resolutions 60/50 Hz

AVASURE INFRARED ILLUMINATOR SPECIFICATIONS

Typical Range: 20 feet (7m)
Wavelength: 940 nm

Audio streaming:

Two-way, half duplex (default), full duplex

Audio compression:

G.711 PCM 8 kHz G.726 ADPCM 8 kHz AAC-LC 8/16 kHz
Configurable bit rate

Security:

Digestive Authentication and unique password protection

Supported protocols:

IPv4, IPv6, TCP/IP, HTTP, HTTPS, UPnP, RTSP/RTP/RTCP,
DHCP, NTP, DNS, DDNS, ICMP, ARP, SSL, TLS

LED Beam Width: 120° angle
Switching Frequency: 642 kHz