

## DOME CAMERA

**5 MP or 8 MP (4K) resolution  
and AI-based analytics**

Securely access this cloud-managed dome from anywhere and from any device. It features onboard analytics and built-in IR, and you can take advantage of new features via automatic updates.



### OVERCOME HARSH LIGHTING

Counteract the many lighting challenges that can exist in a scene, like intense backlighting, shadows and reflective glare from windows and floors.



### WEATHER-RESISTANT

The rugged housing protects the camera from severe weather conditions, extreme temperatures, high humidity, dust, and water (and snowballs!).



### TAMPER-PROOF

The housing contains vandal-resistant components, and it will notify you in real-time if someone tries to move, block, silly string, or spray paint it.



### SEE IN THE DARK

Thanks to the camera's integrated IR, you'll get high-quality video—even in total darkness—from up to 131 ft (40 m) away.



### DIMINISH NUISANCE ALARMS

The camera can detect motion triggered by a person and/or vehicle vs. motion triggered by things like blowing leaves, so you can respond to genuine threats quicker.



### FASTER INVESTIGATIONS

Object-based motion detection lets you filter out non-relevant video for faster incident resolution, and also reduces storage requirements.

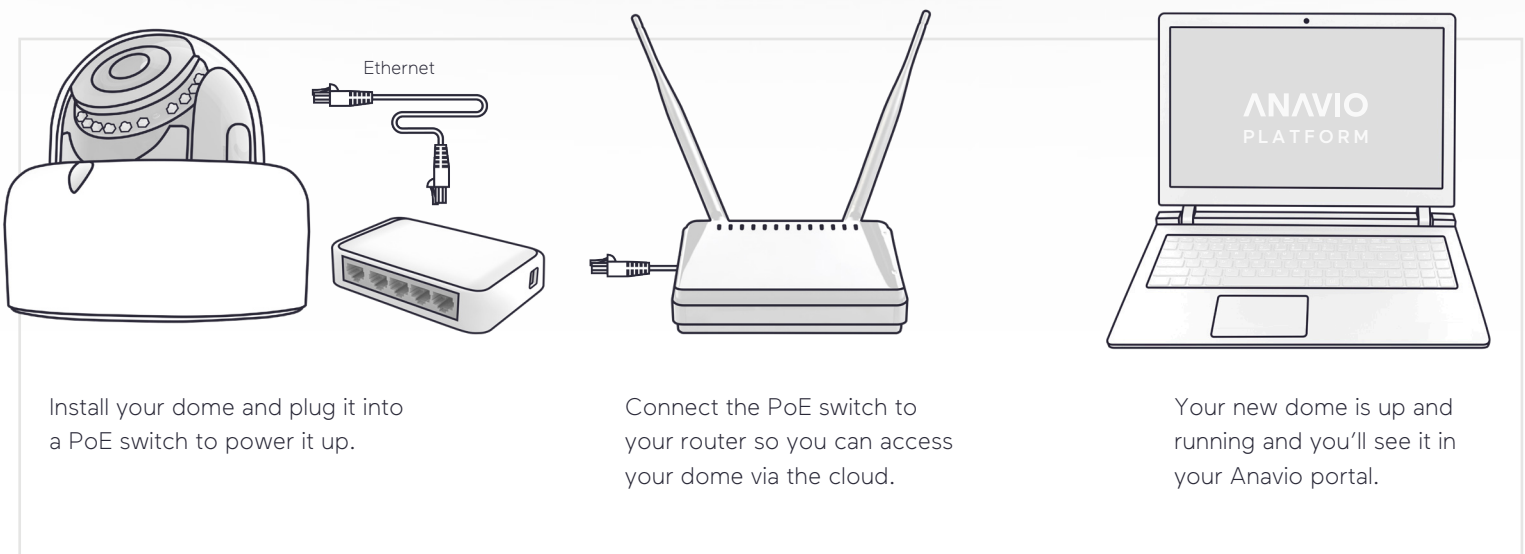


## THIS INTELLIGENT, DURABLE CAMERA OFFERS A NUMBER OF ADVANTAGES



Featuring onboard storage and bandwidth-friendly smart encoding, this dome requires just a single Ethernet PoE connection to operate. Our PoE Port Combiner/Splitter lets you co-locate a second camera on that same PoE drop, making it easier and more cost-effective to add additional coverage for high-risk areas.

## HERE'S HOW IT COMES TOGETHER



## MOUNTING OPTIONS



**V2000D-PLATE**  
4x4 electrical box  
mounting plate



**V2000D-ICD**  
Drop ceiling mount



**V2000D-ICH**  
Hard ceiling mount



**V2XXXD-PM**  
Pendant Cap with  
sunshield



**V1001-PM**  
Pendant mount



**SVFT-UPM-2**  
Parapet mount



**SVFT-UCM-1**  
Universal ceiling mount



**SVFT-WM-1**  
Short wall mount



**SVFT-UWM-1**  
Long wall mount



**V-24CMB-4**  
Corner mount



**V-20B-A-4**  
Pole mount

## SPECIFICATIONS

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### CAMERA

#### Image Sensor

5 MP: 1/2.8 in.

8 MP: 1/1.8 in.

#### Max Resolution

5 MP: 2592x1944

8 MP: 3840x2160

#### Image Settings

Flip, mirror, corridor

#### AI-Based Object

##### Classification Analytics

Vehicles, people, animals

#### Electronic Shutter Speed

Auto (1/2 ~ 1/10,000 sec)

#### Day/Night Performance

True day/night (IR cut filter)

#### Wide Dynamic Range

True WDR; 120 dB

#### Minimum Illumination (@ 30 IRE)

5 MP:

Color:

0.03 lux

BW:

IR Off: 0.01 lux

IR On: 0 lux

8 MP:

Color:

0.02 lux

BW:

IR Off: 0.01 lux

IR On: 0 lux

#### IR Distance

Smart IR/Adaptive IR;

131 ft (40 m)

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### LENSES

#### Focal Length

5 MP:

3.1-10 mm with 3.2X optical zoom

8 MP:

3.6-10 mm with 2.8X optical zoom

#### Max. Aperture

5 MP: f/1.4 - f/2.8

8 MP: f/1.5 - f/2.8

#### Iris

P-iris

#### Zoom/Focus Adjust

Motorized zoom and focus

#### Field-of-View

5 MP:

H: 32° (tele) - 96° (wide)

V: 24° (tele) - 69° (wide)

8 MP:

H: 46° (tele) - 98° (wide)

V: 26° (tele) - 54° (wide)

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### MECHANICAL

#### Construction

Dome body: White aluminum

Dome bubble: Polycarbonate

#### Camera Angle of Adjustment

3-axis adjustment: Pan: 370°;

Tilt: 15° - 90°; Rotate: ±355°

#### Dimensions (HxD)

4.49 in. (125 mm) x 5.3 in. (135 mm)

#### Weight

2.6 lb (1.2 kg)

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### VIDEO TRANSMISSION

#### Network

10/100Base-T/TX: RJ-45

#### Image Compression

H.264; H.265; M-JPEG

#### Resolution

5 MP:

High Quality: 2592x1944 (1500 Kbps)

Standard Quality: 720x544 (300 Kbps)

8 MP:

High Quality: 3840x2160 (3000 Kbps)

Standard Quality: 1280x720 (600 Kbps)

#### Frame Rate

24 fps

#### Alarms

1 alarm input/1 alarm output

#### Audio

1 audio input/1 audio output



## SPECIFICATIONS

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### ELECTRICAL

#### Input Power

PoE IEEE 802.3af class 3; 12 VDC ( $\pm 10\%$ ); 24 VAC (+20%/-10%)

#### Current

5 MP:  
12 VDC: 1.2 A; 24 VAC: 0.6 A;  
PoE: 0.3 A

#### 8 MP:

12 VDC: 1.1 A; 24 VAC: 0.55 A;  
PoE: 0.27 A

#### Power Consumption

IR On/Heaters On:  
5 MP: 16.5 W  
8 MP: 16.5 W

#### IR Off/Heaters On:

5 MP: 14.1 W  
8 MP: 14.1 W

#### IR Off/Heaters Off:

5 MP: 6 W  
8 MP: 6 W

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### CONTROLS + CONNECTORS

#### Connectors

Internal cable termination; 3/4" conduit access holes provided, side and bottom

#### Power

12 VDC/24 VAC: Terminal block

#### PoE/Network

RJ-45 CAT5

#### Alarm

Terminal block

#### Audio

Terminal block

#### Micro SD card slot

SDHC/SDXC card included  
(512 GB for 5 MP; 1 TB for 8 MP)

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### ENVIRONMENTAL

#### Dual Heater System

For low temperature operation:  
Heater turns on at -40° F (-40° C)  
and off at 59° F (15° C)

#### For defog operation:

Heater turns on at -40° F (-40° C)  
and off at 140° F (60° C)

#### Operating Conditions

Temperature: -40° to 140° F  
(-40° to 60° C)

Humidity: Up to 90%, non-condensing

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### REGULATORY

#### Approvals

UL, CE/FCC Class A, IP67, IK10, RoHS

#### Certifications

NDAA, GSA, TAA

#### Country of Origin

Taiwan



## ORDERING INFORMATION

### CAMERAS

VA-DVF05A-512  
5 MP Dome with 512 GB storage

VA-DVF08A-1TB  
8 MP Dome with 1 TB storage

### CAMERA CONNECTION LICENSES

VA-CLIC1Y  
1-Year Camera License

VA-CLIC3Y  
3-Year Camera License

VA-CLIC5Y  
5-Year Camera License

VA-CLIC10Y  
10-Year Camera License

### ACCESSORIES

V-POE-CS2  
Combiner/Splitter for co-locating any two Anavio cameras

V-POC-1KIT  
PoE-to-Coax converter (single-channel)

V-POC-4KIT  
PoE-to-Coax converter (4-channel)

V-POC-8KIT  
PoE-to-Coax converter (8-channel)

V-POC-RMP  
Rack mount unit for 100W/240W power supply

V-POC-RM4  
Rack mount unit for Base 4 or Base 8 units

Please contact your Vicon sales representative for more information.



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