

V6812-T0 Series

HD 1MP IP Minidome Camera

Infinova[®]
The Integrator's Manufacturer



- **1/3" progressive scan CMOS sensor**
- **IR-Cut Removable (ICR) Filter for Day/Night switching**
- **Onvif Profile S**
- **H.264 High profile/M-JPEG encoding**
- **Full-frame HD video output, with the resolution up to 1280×720@30fps**
- **High encoding efficiency, low data rate and high image quality**
- **Smooth videos and clear images of moving objects, free from ghost and smear**
- **Provide WDR function**
- **Supports storage with TF card**
- **Supports active video tampering**
- **Motion detection and privacy mask**
- **Bi-directional audio, G.711**
- **Supports alarm input and output**
- **PoE power supply**
- **Surface, Bracket or Recessed Mount**
- **3-axis adjustment**

V6812-T0 series HD 1MP IP minidome camera features 1/3" progressive scan CMOS sensor and built-in HD megapixel lens with the focal length of 2.8~12mm. With H.264 High profile/ M-JPEG compression format utilized, this camera can output HD full-frame videos with the resolution up to 1280×720@30fps.

V6812-T0 series IP minidome camera provides motion detection and privacy mask function which can protect certain private areas from being seen by operators. In addition, Power over Ethernet (PoE) greatly simplifies transmission cable.

Compact structure makes it easy to install. Also, this camera provides 3-axis adjustment, easy to adjust the monitoring angle.

V6812-T0 series IP minidome camera is suitable for financial institutions, telecommunications, governments, schools, airports, factories, hotels, museums, city streets and other high-resolution surveillance applications.

Technical specifications

Image Sensor	1/3" progressive scan CMOS
Dynamic Range	83.5dB
S/N Ratio	50dB
Lens	F1.4, f=2.8-12mm
Angle of View (Horizontal)	92°~27.2°
Camera Angle Adjustment	X (Panning): 0°~360°; Y (Tilting): -75°~75°; Z (Rotating): 0°~360°
Day/Night Functionality	ICR
Sensitivity	Color mode: 0.5 lux @ F1.4 (30IRE, AGC ON); B/W mode: 0.1 lux @ F1.4 (30IRE, AGC ON)
Exposure	Scene Mode, Manual mode, Shutter priority mode
Shutter	Auto/Manual (1/25s~1/8000s)
White Balance	Auto/Manual/Incandescent light/ Cool white fluorescent light/Sun light/Cloudy/Natrium light
Gain Control	Auto/Manual
Noise Reduction	3D
Video Compression	H.264 High profile/M-JPEG
Maximum Resolution	1280×720@H.264/M-JPEG
Optional Resolution	Major stream: 1280×720, 1024×768, 800×600; Minor stream: 720×576, 720×480, 640×480, 352×288, 352×240
Maximum Frame Rate	30fps @1280×720
Data Rate	Variable bit rate; Constant bit rate: 256Kbps~10000Kbps
Audio	Audio Compression: G.711-u; 1 input (Linear level, Resistance: 1000 Ohm), 1 output (Linear level, Resistance: 600 Ohm)
Motion Detection	Up to 4 areas
Privacy Mask	Up to 4 masks
Local Recording	Available
TF Card Storage	Available, up to 32G

Upgrade Online	Available
Password Protection	Available
Network Port	1 RJ45 10/100M self-adaptive Ethernet port
Applicable Protocols	IPv4, IPv6, TCP, UDP, IGMP, DHCP, FTP, SNMP (V3), SMTP, NTP, RTP, RTSP, RTCP, HTTP, HTTPS, TSL, SSL, 802.1X, QoS, PPPoE, DNS, ARP, ICMP, UPnP, DDNS, Profile S
Alarm	1 alarm input, 1 relay output
Power Supply	PoE IEEE 802.3af Class 2
Power Consumption	<3W
Operating Temperature	14°F ~ 122°F (-10°C ~ 50°C)
Storage Temperature	-4°F ~ 140°F (-20°C ~ 60°C)
Operating Humidity	0%~90% RH (non-condensing)
Unit Dimensions (H×Ø)	Surface: 3.88"×5.32" (98.5mm×135mm); Bracket: 5.45"×5.32" (139.5mm×135mm); Ceiling: 5.06"×7.87" (128.6mm×200mm)
Box Dimensions (L×W×H)	Surface: 8.03"×7.48"×7.13" (204 mm×190 mm×181mm); Bracket mounting adapter: 8.03"×7.48"×3.66" (204 mm×190 mm×93mm); Ceiling mounting adapter: 10.39"×9.84"×5.83" (264 mm×250mm×148mm)
Unit Weight	Surface: 1.06lbs. (0.48kg); Bracket mounting adapter: 0.55lbs. (0.25kg); Ceiling mounting adapter: 0.99lbs. (0.45kg)
Shipping Weight	Surface: 2.01lbs. (0.91kg); Bracket mounting adapter: 1.06lbs. (0.45kg); Ceiling mounting adapter: 1.76lbs. (0.80kg)

Certifications and Approval

Product Certifications	CE/EMC: EN 55022, EN 55024 ¹ , FCC: Part 15 Subpart B ² , UL 60950-1 ³ , ISO 9001:2008
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Certificate No.: ¹EESZF01170017-1R1; ²EESZF01170017-2R1; ³E232008-A27-UL.

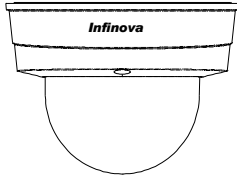
Ordering information

- V6812-T0020SP HD Megapixel IP minidome camera, 3-axis, Day/night, 1/3 inch CMOS sensor, H.264/M-JPEG, 1.0Mpx, PoE, Surface mount, 2.8-12mm vari-focal lens
- V6812-T0020PP HD Megapixel IP minidome camera, 3-axis, Day/night, 1/3 inch CMOS sensor, H.264/M-JPEG, 1.0Mpx, PoE, Bracket mount, 2.8-12mm vari-focal lens
- V6812-T0020RP HD Megapixel IP minidome camera, 3-axis, Day/night, 1/3 inch CMOS sensor, H.264/M-JPEG, 1.0Mpx, PoE, Recessed ceiling mount, 2.8-12mm vari-focal lens

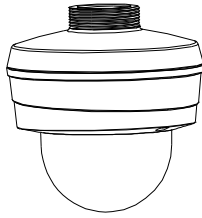
Mounts for bracket mount model

- V1761MT-W2 Wall Mount, 6 inch horizontal, semi gloss white, NPT 1 1/2"
- V1762MT-W2 Corner Mount, 6 inch horizontal, semi gloss white, NPT 1 1/2"
- V1763MT-W2 Pole Mount, 6 inch horizontal, semi gloss white, NPT 1 1/2"

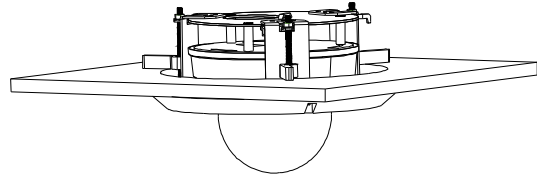
Mounting



Surface Mount

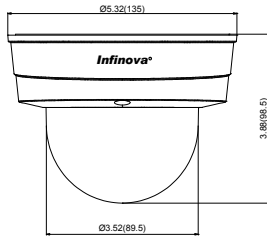


Bracket Mount

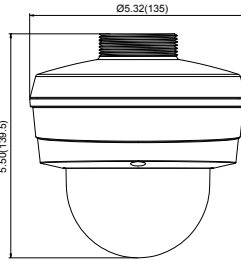


Recessed Mount

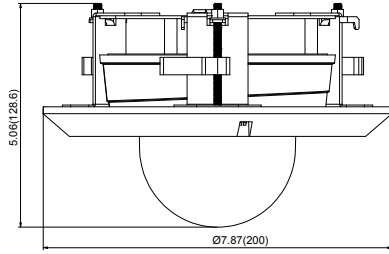
Dimensions



Surface Mount



Bracket Mount



Recessed Mount

(Unit: inch, in the parentheses is mm)