

**BOSCH**  
Invented for life

## AutoDome 800 Series HD PTZ Camera



- ▶ **HD 1080p resolution at 30 images per second (ips)**
- ▶ **200x zoom (20x optical, 10x digital)**
- ▶ **Quad video streaming generates simultaneous H.264, M-JPEG, and JPEG video streams**
- ▶ **ONVIF conformant; provides interoperability with other conformant systems**
- ▶ **National Transportation Communications for ITS Protocol (NTCIP) conformant**
- ▶ **Embedded Intelligent Video Analytics (IVA) for reliable detection, tracking, analysis, and search capabilities**
- ▶ **High-impact, heavy-duty, tamper resistant aluminum housing with a high-resolution acrylic bubble**
- ▶ **High-speed 360-degree continuous pan**
- ▶ **Preset tour and AutoPan modes**

The AutoDome 800 Series is an easy to install, indoor/outdoor PTZ camera with superb HDTV 1080p30 quality video. This discrete, high-speed dome camera features day/night functionality for quality images in low light conditions.

The AutoDome 800 Series provides direct network connection using H.264 and JPEG compression and bandwidth throttling to efficiently manage bandwidth and storage requirements while delivering outstanding image quality. The AutoDome 800 Series provides complete network-based control of all dome functionality including pan/tilt/zoom operation, presets, tours and alarms as well as web-based configuration of all dome settings.

The AutoDome 800 Series conforms to the ONVIF (Open Network Video Interface Forum) specification guaranteeing interoperability between network video products regardless of manufacturer.

### **AutoDome 800 Series highlights**

The AutoDome 800 Series delivers state-of-the-art technology and features that far exceed other PTZ cameras. The camera streams high-definition video with 20x optical zoom in a field-proven outdoor housing.

720p resolution at 60 images per second provides smooth, detailed video of fast moving objects. 1080p resolution at 30 images per second delivers six times the detail level of standard definition cameras, ensuring crisp video even when zooming in digitally to extend the camera's range. In addition, the 16:9 aspect ratio increases situational awareness by maximizing the field of view without compromising image clarity.

Its variable pan and tilt speeds and AutoPivot ensure optimal camera control and viewing at all zoom levels. The high-performance 200x (20x optical/10x digital) zoom camera incorporates the latest digital imaging technology with excellent sensitivity and resolution. With 99 user-defined presets as well as tour and AutoPan modes, The AutoDome 800 Series is not small on features.

The AutoDome 800 Series maximizes your security investment by integrating with Bosch video products including the Bosch Video Client and the Bosch Recording Station, as well as the full range of Bosch video over IP products.

Bosch offers a full complement of hardware (as a separate purchase) for wall, corner, mast, roof, pipe, and in-ceiling mount applications for indoor and outdoor environments.

## System Overview

### High-performance 200x PTZ day/night camera

The AutoDome 800 Series camera has a 1/3-in.-type CMOS sensor, with 1080p resolution and sensitivity to below 1.0 lux.

The AutoDome 800 Series supports up to 99 user-defined pre-positions, as well as one (1) preset tour and one (1) AutoPan mode. The preset tour can be programmed with up to 99 prepositions and a configurable dwell time between positions.

Pan and tilt preset repeatability are accurate to within  $\pm 0.1$  degrees to ensure that the correct scene is captured every time. The AutoDome 800 Series delivers variable pan/tilt speeds from a crawl speed of only 0.1 degrees per second up to an ultra-quick 120 degrees per second. The dome is capable of pan speeds of 360 degrees per second and tilt speeds of 100 degrees per second between prepositions. The AutoDome 800 Series provides a tilt range of 0 to 94 degrees, and a pan range of up to 360 degrees continuous rotation.

The AutoScaling (proportional zoom) and AutoPivot (automatically rotates and flips the camera) features ensure optimal control.

### Ultra-efficient H.264 encoding

The AutoDome 800 Series uses an advanced H.264 encoder to create DVD-quality streaming video at ultra-low bit rates. Use of H.264 encoding, bandwidth throttling, and multicasting capabilities, minimizes bandwidth and storage usage to significantly reduce costs. The AutoDome 800 Series supports 1080p30, 720p60, 720p30, 480p30 (WVGA), and 240p30 (WQVGA) resolutions for 50 Hz and 60 Hz models at 16:9 aspect ratio.

### Multiple video streams

Bosch's innovative Quad-streaming feature enables the AutoDome 800 Series to deliver three H.264 streams together with an M-JPEG stream in full and reduced bandwidth modes. During full bandwidth operation (full HD 1080p30 or high frame rate 720p60) the second stream is an exact copy of the first stream. In reduced bandwidth mode (720p30), the second stream is an independently configurable, downscaled-resolution stream. In both modes the third H.264 stream consists of HD I-frames only. These streams facilitate bandwidth-efficient viewing and recording options as well as integration with third-party video management systems.

### ONVIF conformant

The AutoDome 800 Series conforms to the ONVIF (Open Network Video Interface Forum) specification guaranteeing interoperability between network video products regardless of manufacturer. ONVIF conformant devices are able to exchange live video, audio, metadata and control information and ensure that they are automatically discovered and connected to network applications such as video management systems.

### Intelligence

With built-in video content analysis, the AutoDome 800 Series reinforces the Intelligence-at-the-Edge concept where edge devices become increasingly intelligent.

The AutoDome 800 Series comes with Bosch's Intelligent Video Analysis (IVA) built-in. IVA is state-of-the-art intelligent video analysis that reliably detects, tracks, and analyzes moving objects while suppressing unwanted alarms from spurious sources in the image.

### Fiber Optic Kits

Bosch offers the optional VG4-SFPSCKT, a unique media converter module for use with 800 Series AutoDomes. This media converter module is designed to accept a wide-range of 10/100 Mbps SFP modules for use with Multimode or Singlemode optical fiber with LC or SC connectors.

The media converter module along with the SFP module is user-installed directly into the AutoDome's power supply box to provide an integrated fiber optic solution.

### Ease of installation and servicing

The AutoDome 800 Series has been designed for quick and easy installation; a key feature from Bosch CCTV products. All housings feature recessed screws and latches for increased tamper resistance.

AutoDome in-ceiling housings provide IP54 protection with an optional gasket kit. These housings feature a low-impact, high-resolution acrylic bubble for enhanced image clarity.

Outdoor Pendant housings are rated to provide IP 66 protection and are offers an operating temperature range down to  $-45^{\circ}\text{C}$  ( $-49^{\circ}\text{F}$ ). The outdoor pendant comes fully assembled with a sunshield and ready for wall or pipe applications with the proper mounting hardware (purchased separately). In addition, the pendant housing comes equipped with a low-impact, high-resolution acrylic bubble for enhanced image clarity. You can easily convert the outdoor pendant for indoor applications by removing the sunshield.

**Note:** Bosch offers a full complement of hardware and accessories (as a separate purchase) for corner, mast, roof, pipe, and in-ceiling applications, which allow the AutoDome to be easily adapted to individual site requirements.

### Unsurpassed reliability

As with all Bosch products, the AutoDome 800 Series has been subjected to the industry's most comprehensive and demanding battery of endurance tests such as HALT (highly accelerated life testing) to make sure it will hold up through years of use. And of course, it comes with Bosch's industry-leading 3-year warranty.

### Functions

The following are some of the features that make the AutoDome 800 Series the perfect fit for a variety of surveillance applications.

#### Inputs and outputs

The AutoDome 800 Series can handle two (2) alarm inputs and one (1) open-collector alarm output, which can drive an external device.

#### iSCSI device support

Built-in iSCSI support allows the AutoDome 800 Series to stream video directly to an iSCSI RAID array. This enables efficient video storage and overall system scalability without compromise to recording performance when paired with suitable iSCSI storage arrays.

#### Network-based control and configuration

The AutoDome 800 Series enables full camera control and configuration capabilities over the network. Operators or technicians can control camera pan/tilt/zoom operation, presets, tours, and alarm management functions virtually anywhere without need for additional wiring.

The embedded web server lets the installer access all the user settings, make camera adjustments, and update firmware via a standard web browser.

#### Device management

Simple Network Management Protocol (SNMP) support facilitates the remote monitoring and management. The AutoDome 800 Series provides full support for SNMP v3.

#### Superior privacy masking

The AutoDome 800 Series provides 24 individual, easy to configure privacy masks, with up to 24 displayed in the same scene. As the camera is zoomed each mask changes size smoothly and quickly ensuring that the covered object cannot be seen. You also have a choice of black or gray masking characteristics.

#### Viewing

View the video on a PC using a Web browser or via the Bosch Video Client, the Bosch Recording Station, the Bosch Video Management System, or integrate it into another video management system.

### Certifications and Approvals

#### HD standards

Complies with the SMPTE 274M-2008 Standard in:

- Resolution: 1920x1080
- Scan: Progressive
- Color representation: complies with ITU-R BT.709
- Aspect ratio: 16:9
- Frame rate: 25 and 30 frames/s

Complies with the 296M-2001 Standard in:

- Resolution: 1280x720
- Scan: Progressive
- Color representation: complies with ITU-R BT.709
- Aspect ratio: 16:9
- Frame rate: 25, 30, 50 and 60 frames/s

Region	Certification
Europe	CE
Electromagnetic Compatibility (EMC)	Complies with FCC Part 15, ICES-003, and CE regulations
Product Safety	Complies with CE regulations, UL, CSA, EN, and IEC Standards
Environmental	In-ceiling: IP54 (with optional VGA-IP54K-IC78 kit), Plenum rated Pendant: IP66, NEMA 4X

### Parts Included

#### In-ceiling

- 1 Fully-assembled in-ceiling housing
- 1 Acrylic bubble, clear
- 1 Interface box

#### Outdoor Pendant

- 1 Fully-assembled outdoor pendant housing with sunshield
- 1 Acrylic bubble, clear

#### Notes:

- The pendant can be converted to an indoor pendant by removing the sunshield.
- Mounting hardware and accessories are available separately.

### Technical Specifications

#### 20x HD Day/Night Camera

Imager	1/3-in.-type CMOS
Number of Pixels	Approximately 2 megapixels
Aspect Ratio	HD: 16:9
Lens	20x optical zoom, (4.7 to 94 mm)
Focus	One-push (default), Automatic (normal, low), Manual

Iris	Automatic with manual override (F1.6 to F3.5)	
Field of View	3° (tele) to 55° (wide)	
Minimum Working Distance	10 mm (wide) to 150 mm (tele)	
Automatic Gain Control	Automatic/Manual (–3 to 28 dB, 21 steps)	
Synchronization	Internal	
Aperture Correction	Adjustable sharpness	
Digital Zoom	10x	
Sensitivity (typical) <sup>1</sup>	<b>30 IRE<sup>2</sup></b>	<b>50 IRE<sup>2</sup></b>
<b>Day Mode</b>		
SensUP Off (1/30 [1/25] shutter); High Sensitivity Off	0.8 lux (0.074 fc)	1.7 lux (0.158 fc)
SensUP On, max. (0.25 sec. shutter); High Sensitivity On <sup>3</sup>	0.04 lux (0.004 fc)	0.08 lux (0.007 fc)
<b>Night Mode</b>		
SensUP Off (1/30 [1/25] shutter); High Sensitivity Off	0.12 lux (0.011)	0.3 lux (0.028 fc)
SensUP On, max. (0.25 sec. shutter); High Sensitivity On <sup>3</sup>	0.005 lux (.0005 fc)	0.011 lux (.001 fc)
Electronic Shutter Speed (AES)	1/1 to 1/10000 s, 21 steps	
Signal to Noise Ratio	> 50 dB (AGC off)	
Backlight Compensation	On/Off	
White Balance	ATW, Indoor, Outdoor, AWB Hold, Extended ATW, Manual	
Day/Night	Monochrome, Color, Auto	

1. F1.6, maximum AGC. Normal light source (Halogen lamp).

2. Tinted bubble adds 0.8 f-stop loss.

3. Measured using ND1 + ND4 filters and recalculated with the transmission factor at 0.0025.

#### Software Control

Camera Setup/Control	Via Internet Explorer Web browser version 7.0 or later, Bosch Configuration Manager or BVMS
Software Update	Firmware upload

#### Network

Standards	H.264 (ISO/IEC 14496-10), M-JPEG, JPEG
Streaming	Individually configurable streams in H.264 and M-JPEG, configurable frame rate and bandwidth;
• 1080p30	One (1) H.264 1080p30 stream plus one (1) M-JPEG and one (1) I-frame stream
• 720p60	One (1) H.264 720p60 stream plus one (1) M-JPEG and one (1) I-frame stream
• 720p30	Two (2) independently configurable H.264 streams: One (1) H.264 720p30 stream, One (1) H.264 BP+ or H.264 MP SD stream, plus one (1) M-JPEG and one (1) I-frame stream
GOP Structure	IP, IBP, IBBP
Data Rate	9.6 kbps to 6 Mbps
Overall IP Delay	240 ms

#### Resolutions (H x V) and Frame Rates

##### Stream 1

- Full HD/1080p 1920 x 1080, 30 ips
- HD/720p 1280 x 720, 60 ips
- HD/720p 1280 x 720, 30 ips

##### Stream 2<sup>4</sup>

- SD/480p (WVGA)<sup>5</sup> 854 x 480, 30 ips
- SD/240p (WQVGA)<sup>5</sup> 432 x 240, 30 ips

4. Stream 1 must be set to 720p at 30 ips.

5. Images displayed in 16:9 aspect ratio.

#### Network

Protocols	RTP, Telnet, UDP, TCP, IP, HTTP, HTTPS, FTP, DHCP, IGMP V2/V3, ICMP, ARP, SMTP, SNMP, RTSP, 802.1x, iSCSI, DynDNS, UPnP
NTCIP Protocols	
• CCTV Camera Control	NTCIP 1205
• Application Layer	SNMP per NTCIP 1101:1996 & NTCIP 2301
• Transport/Network Layers	TCP/IP per NTCIP 2202:2001
• Sub-network Layer	PMPP (Point to Multi-Point Protocol) per NTCIP 2101:2001 & NTCIP 2102:2003
Ethernet	10-Base T/100 Base-TX, auto-sensing, half/full duplex, RJ45
Audio	
• Standard	G.711, 8 kHz sampling rate L16, 16 kHz sampling rate
• Signal-to-Noise Ratio	>50 dB
• Audio Streaming	Full Duplex / Half Duplex

**Fiber Optic Specifications****VG4-SFPSCKT**

Description	Fiber Optic Ethernet Media Converter kit. Requires a small form-factor pluggable (SFP) module (sold separately).
Data Interface	Ethernet
Data Rate	10/100 Mbps IEEE 802.3 Compliant Full Duplex or Half Duplex Electrical Port Full Duplex Optical Port
Compatible Receiver	CNFE2MC
Installation	Installed inside a VG4-A-PA0, VG4-A-PA1, VG4-A-PA2, VG4-A-PSU1, VG4-A-PSU2, VG4-SBOX-24VAC, VG4-SBOX-120VAC, or a VG4-SBOX-230VAC power supply box with supplied mounting hardware

**SFP Modules**

Description	Interchangeable modules available for use with MMF or SMF optical fiber.
Data Interface	Ethernet
Data Rate	10/100 Mbps IEEE 802.3 Compliant

**Mechanical**

Dimensions (LxWxH)	
• SFP-2 and SFP-3	55.5 x 13.5 x 8.5 mm (2.2 x 0.5 x 0.3 in.)
• SFP-23, SFP-24, SFP-25, SFP-26	63.8 x 13.5 x 8.5 mm (2.5 x 0.5 x 0.3 in.)
Weight (all SFP modules)	0.23 kg (.05 lb)

	Type	Connector	Wavelength (transmit/receive)	Max. Distance
SFP-2	MMF	Duplex LC	1310 nm / 1310 nm	2 km (1.2 miles)
SFP-3	SMF	Duplex LC	1310 nm / 1310 nm	20 km (12.4 miles)
SFP-23	SMF	Single SC	1310 nm / 1550 nm	60 km (37.3 miles)
SFP-24	SMF	Single SC	1550 nm / 1310 nm	60 km (37.3 miles)
SFP-25	MMF	Single SC	1310 nm / 1550 nm	2 km (1.2 miles)
SFP-26	MMF	Single SC	1550 nm / 1310 nm	2 km (1.2 miles)

**Fiber Compatibility**

Optical Fiber Compatibility, MMF	50/125 µm MMF. For 50/125 µm fiber, subtract 4 dB from the specified optical budget value. Must meet or exceed fiber standard ITU-T G.651.
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Optical Fiber Compatibility, SMF	8–10/125 µm SMF. Must meet or exceed fiber standard ITU-T G.652.
Optical Distance Specifications	Specified transmission distances are limited to the optical loss of the fiber and any additional loss introduced by connectors, splices, and patch panels. The modules are designed to operate over the entire optical loss budget range, so they do not require a minimum loss in order to operate.

**Mechanical**

	In-Ceiling	Pendant
Pan Range	360° cont.	360° cont.
Tilt Angle	1° above horizon	18° above horizon
Variable Speed	0.1°/s-120°/s	0.1°/s-120°/s
Pre-position Speed	Pan: 360°/s Tilt: 100°/s	Pan: 360°/s Tilt: 100°/s
Preset Accuracy	± 0.1° typ.	± 0.1° typ.

**Electrical**

	In-Ceiling	Pendant
Input Voltage	21-30 VAC 50/60 Hz	21-30 VAC 50/60 Hz
Power Consumption, typical	19 W / 35 VA	55 W / 60 VA or 19 W / 35 VA <sup>6</sup>

6. Without heater connected in power supply box for indoor applications.

**Surge Suppression**

Protection on Video	Peak current 10 kA (Gas Tube Arrester)
Protection on Biphase	Peak current 10 A, peak power 300 W (8/20 µs)
Protection on RS-232/485	ESD protection ±15 KV human body model
Protection on Alarm Inputs	Peak current 17 A, peak power 300 W (8/20 µs)
Protection on Alarm Outputs	Peak current 2 A, peak power 300 W (8/20 µs)
Protection on Relay Outputs	Peak current 7.3 A, peak power 600 W (10/1000 µs)
Protection on Power Input (Dome)	Peak current 7.3 A, peak power 600 W (10/1000 µs)
Protection on Power Output (Arm Power Supply)	Peak current 21.4 A, peak power 1500 W (10/1000 µs)
10/100 Ethernet Data Lines	Peak current 14 A, peak power 200 W (8/20 µs)

**Miscellaneous**

Sectors/Titling	16 independent sectors with a 20-character title/sector
Masking	24 individually configurable privacy masks
Protocol Support	Bosch (OSRD), ONVIF
Pre-positions	99, each with 20-character titles
Preset Tours	One (1), consisting of up to 99 scenes, consecutively
Supported Languages	English, German, Dutch, French, Italian, Spanish, Portuguese, Polish, and Japanese

**User Connections**

Power, Camera	21-30 VAC, 50/60 Hz
Power, Heater	21-30 VAC, 50/60 Hz
Video and Control	RJ-45 100 Base-TX Ethernet
Alarm Inputs (2)	Programmable for "normally open" or "normally closed"
Open Collector Output (1)	32VDC@150 ma max
Audio Input Line Level (one way audio)	
• Input Voltage	5.5 Vp-p max
• Impedance	9 Kohm typical

**Environmental**

	<b>In-Ceiling</b>	<b>Pendant</b>
Design Rating	IP54 <sup>7</sup> , Plenum rated	IP66, NEMA 4X
Operating Temp.	-10°C to 50°C (14°F to 122°F)	-45°C to 55°C (-49°F to 131°F) or -10°C to 50°C (14°F to 122°F) <sup>8</sup>
HALT <sup>9</sup> Temp. Tests	N/A	-70°C to 70°C (-94°F to 158°F)
Storage Temp.	-40°C to 60°C (-40°F to 140°F)	-45°C to 70°C (-49°F to 158°F)
Humidity	0% to 90% relative, non-condensing	0% to 90% relative, non-condensing

7. With optional VGA-IP54K-IC78 kit.

8. Without heater connected in power supply box for indoor applications.

9. Highly Accelerated Life Tests. Maximum temperature limits.

**Construction**

Dimensions	See dimensional drawings
Weight	
• In-ceiling	2.66 kg (5.86 lb)
• Indoor Pendant	2.88 kg (6.3 lb)
• Outdoor Pendant	3.03 kg (6.68 lb)
Bubble Size	153.1 mm diameter (6.03 in.)
Construction Material	
• Housing	Cast aluminum
• Bubble	Acrylic (high-resolution)
Standard Color	White (RAL9003)
Standard Finish	Powder coated, sand finish

**Mounts/Accessories****Bubble****In-ceiling**

Clear high-resolution acrylic	VGA-BUBBLE-CCLA
Tinted high-resolution acrylic	VGA-BUBBLE-CTIA

**Pendant**

Clear high-resolution acrylic	VGA-BUBBLE-PCLA
Tinted high-resolution acrylic	VGA-BUBBLE-PTIA

**Pendant Arm Mounts**

Wall Arm (No Transformer)	VG4-A-PA0
Wall Arm (120/230 VAC Transformer)	VG4-A-PA1 / VG4-A-PA2
Pendant Arm with Wiring	VGA-PEND-ARM
Mounting plate for VGA-PEND-ARM	VGA-PEND-WPLATE
Trim skirt for AutoDome Series Power Supplies	VG4-A-TSKIRT

**Optional Mounting Plates for Arm Mounts**

Corner Mounting Plate	VG4-A-9542
Mast (Pole) Mounting Plate	VG4-A-9541

**Pendant Pipe Mounts**

Pipe Mount Cap	VG4-A-9543
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**Pendant Roof Mounts**

Roof (Parapet) Mount (VG4-A-9543 Pipe Mount Cap required. Available separately.)	VGA-ROOF-MOUNT
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**Optional Mounting Plates for Roof Mounts**

Flat Roof Adapter for Parapet Mount	LTC 9230/01
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**In-ceiling Support Kits**

Bracket for suspended or drop ceilings	VJR-A3-SP
Gasket kit for IP54 certification	VGA-IP54K-IC78

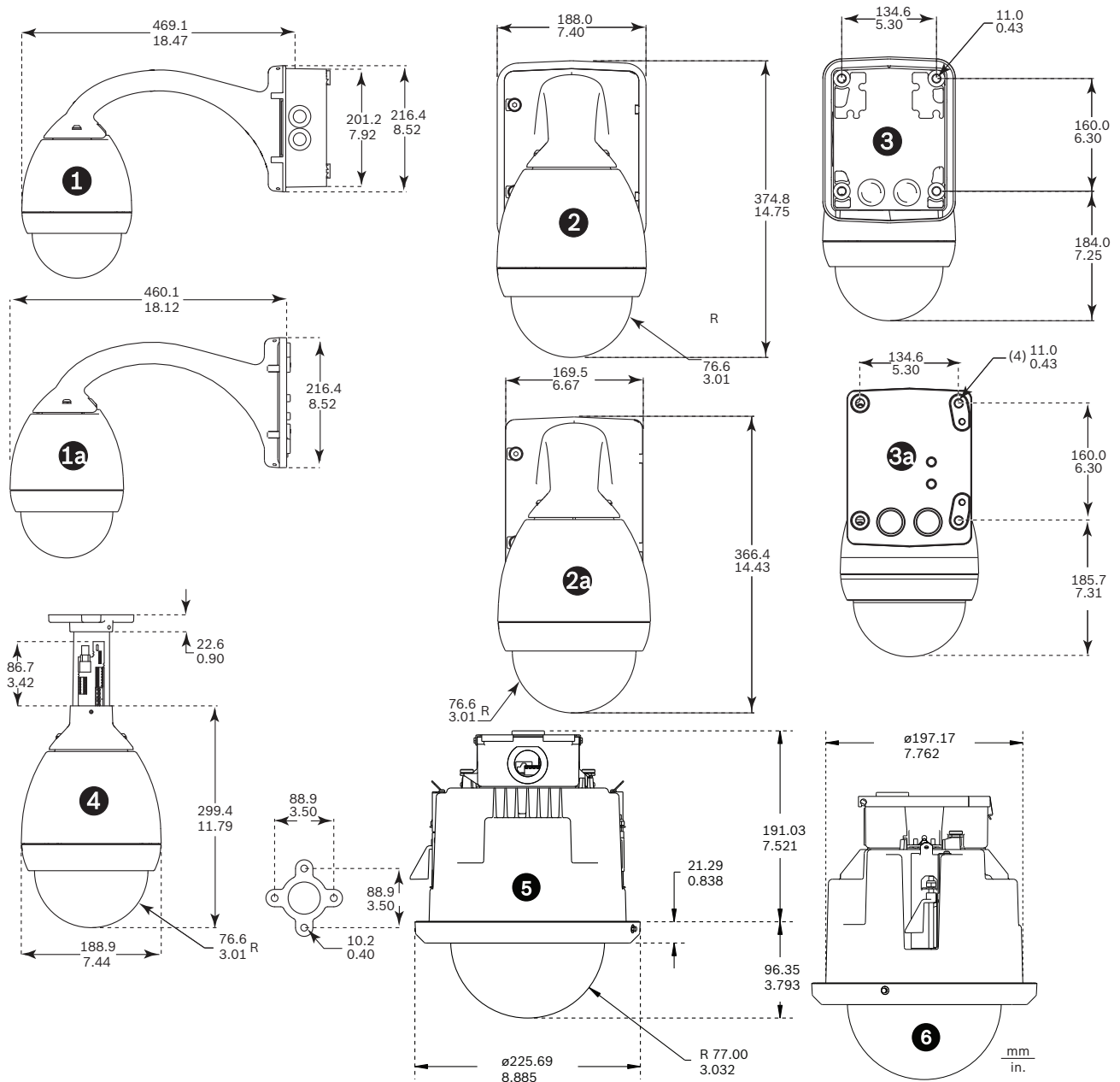


## Pendant Arm Mounts

### Power Supplies

Outdoor Power Supply Box, no transformer	VG4-A-PSU0
Outdoor Power Supply Box (120/230 VAC Transformer)	VG4-A-PSU1 / VG4-A-PSU2
Fiber Optic Kit	VG4-SFPSCKT

### Dimensions: In-ceiling and Pendant without Sunshield



### Indoor System Dimensions

#### Reference Description

1	Wall Mount – Side with power supply
1a	Wall/Mast Mount – Side with VGA-PEND-WPLATE
2	Wall Mount – Front with power supply and trim skirt
2a	Wall Mount – Front with power supply

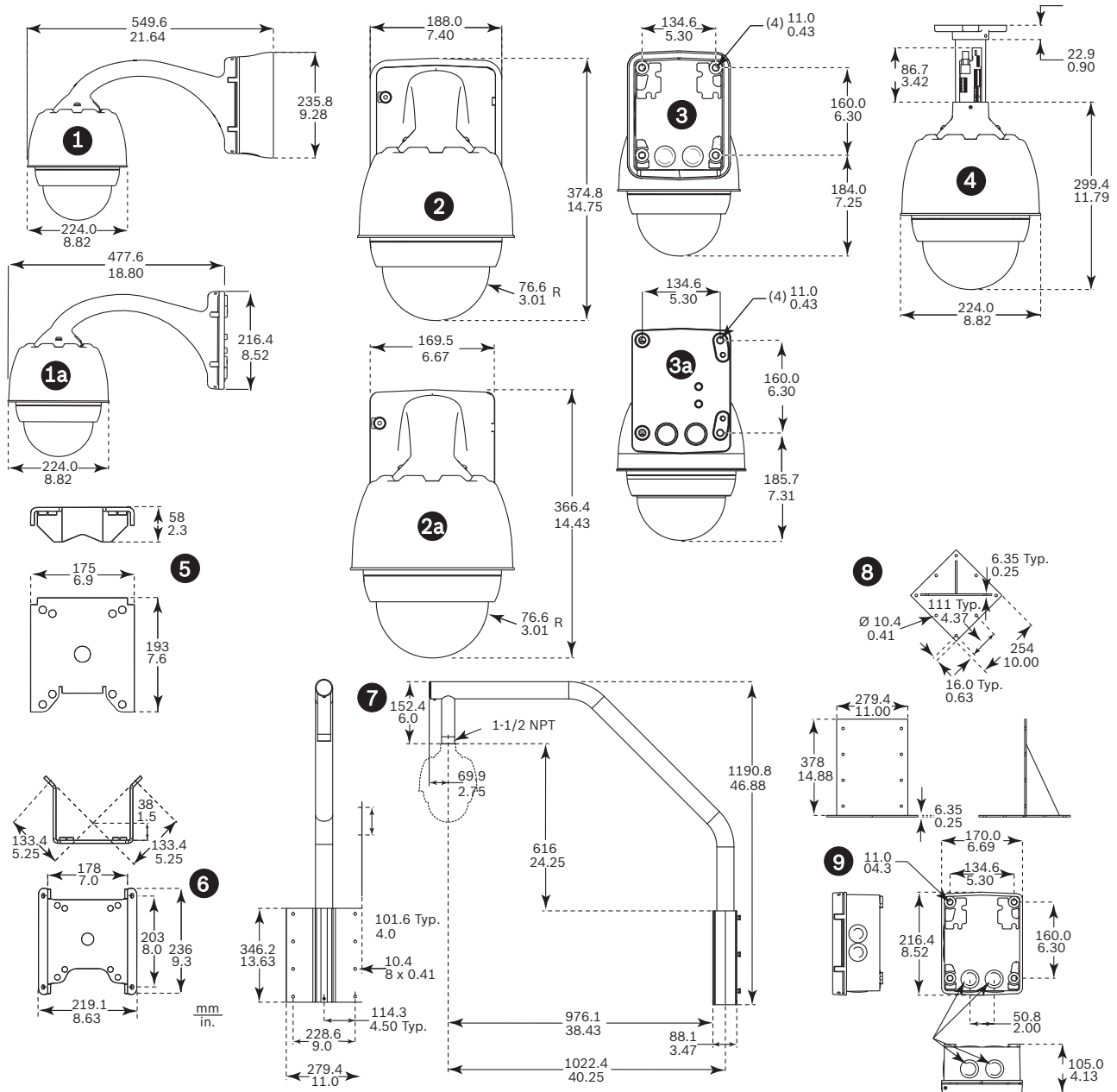
#### Reference Description

3	Wall Mount – Back with power supply and trim skirt
3a	Wall Mount – Back with power supply
4	Pipe Mount

# Reference Description

- 5 In-ceiling Mount – Front  
6 In-ceiling Mount – Side

## Dimensions: Pendant with Sunshield and Outdoor Mounts



## Outdoor System Dimensions

### Reference Description

- 1 Wall Mount – Side with power supply and trim skirt  
1a Wall/Mast Mount – Side with VGA-PEND-WPLATE  
2 Wall Mount – Front with power supply and trim skirt  
2a Wall Mount – Front with power supply  
3 Wall Mount – Back with power supply and trim skirt  
3a Wall Mount – Back with power supply  
4 Pipe Mount

### Reference Description

- 5 Mast Mount  
6 Corner Mount  
7 Roof Mount  
8 Roof Mount Adapter  
9 Power Supply for Pipe and Roof Mounts



**Ordering Information****VG5-825-CCEV In-ceiling 20x AutoDome 800 Series HD with IVA, Clear Bubble, 50/60 Hz**

In-ceiling AutoDome 800 Series HD with IVA, 20x day/night, 50/60 Hz camera with clear bubble

**VG5-825-CCEV****VG5-825-ECEV Outdoor 20x AutoDome 800 Series HD with IVA, Clear Bubble, 50/60 Hz**

Outdoor AutoDome 800 Series HD with IVA, 20x day/night, 50/60 Hz camera with clear bubble

**VG5-825-ECEV****VG5-825-EDEV Outdoor 20x AutoDome 800 Series HD with IVA, Tinted Bubble, 50/60 Hz**

Outdoor AutoDome 800 Series HD with IVA, 20x day/night, 50/60 Hz camera with tinted bubble

**VG5-825-EDEV****Accessories****VG4-A-PA0 Pendant Arm Mount**

Pendant arm mount with power supply box for a AutoDome Series cameras, no transformer, white

**VG4-A-PA0****VG4-A-PA1 Pendant Arm Mount with 120 VAC Transformer**

Pendant arm mount with power supply box for AutoDome Series cameras with a 120 VAC transformer, white

**VG4-A-PA1****VG4-A-PA2 Pendant Arm Mount with 230 VAC Transformer**

Pendant arm mount with power supply box for AutoDome Series cameras with a 230 VAC transformer, white

**VG4-A-PA2****VGA-PEND-ARM Pendant Arm with Wiring**

Compatible with an AutoDome Series pendant housing

**VGA-PEND-ARM****VGA-PEND-WPLATE Mounting Plate**

Mounting plate for VGA-PEND-ARM, compatible with an AutoDome Series camera

**VGA-PEND-WPLATE****VGA-ROOF-MOUNT Roof Mount**

Roof parapet mount, white (VG4-A-9543 Pipe Mount Cap required. Available separately.)

**VGA-ROOF-MOUNT****LTC 9230/01 Flat Roof Mount Adapter**

For mounting a unit in an upright position on a flat surface for roof parapet mount VGA-ROOF-MOUNT

**LTC 9230/01****VG4-A-9541 Pole Mount Adapter**

Pole mount adapter for a for an AutoDome Series pendant arm or a VEI-30 or NEI-30 Dinion Infrared Imager, designed for poles with a diameter of 100-380 mm (4-15 in.), white

**VG4-A-9541****Ordering Information****VG4-A-9542 Corner Mount Adapter**

Corner mount adapter for an AutoDome Series pendant arm or a VEI-30 or NEI-30 Dinion Infrared Imager

**VG4-A-9542****VG4-A-9543 Pipe Mount**

Pipe mount, white, for an AutoDome Series pendant housing

**VG4-A-9543****VGA-IP54K-IC78 IP54 In-ceiling Gasket Kit for AutoDome 700/800 Series**

Gasket kit for AutoDome 700 and 800 Series In-ceiling mounts required for IP54 environmental rating

**VGA-IP54K-IC78****VJR-A3-SP In-ceiling Support Kit for AutoDome 700/800 Series and AutoDome Junior HD**

Suspended ceiling support kit for AutoDome 700 and 800 Series and AutoDome Junior HD In-ceiling mounts

**VJR-A3-SP****VG4-A-PSU0 24 VAC Power Supply Unit**

24 VAC, 100 W, NEMA-rated, white, for an AutoDome Series camera

**VG4-A-PSU0****VG4-A-PSU1 120 VAC Power Supply Unit**

120 VAC, 100 W, NEMA-rated, white, for an AutoDome Series camera

**VG4-A-PSU1****VG4-A-PSU2 230 VAC Power Supply Unit**

230 VAC, 100 W, NEMA-rated, white, for an AutoDome Series camera

**VG4-A-PSU2****VGA-SBOX-COVER Cover for AutoDome Power Supply Boxes****VGA-SBOX-COVER****VG4-SFPSCKT Fiber Optic Ethernet Media Converter Kit**

Ethernet media converter video transmitter/data receiver fiber optic kit

**VG4-SFPSCKT****VG4-A-TSKIRT Trim Skirt for AutoDome Power Supply Boxes**

Trim skirt for the following AutoDome Series power supply boxes: VG4-A-PSU0F, VG4-A-PSU1, VG4-A-PSU1F, VG4-A-PSU2, VG4-A-PSU2F, VG4-SBOX-24VAC, VG4-SBOX-120VAC, and VG4-SBOX-230VAC

**VG4-A-TSKIRT****VGA-BUBBLE-CCLA Clear High-resolution Bubble for an In-ceiling Housing**

Low-impact acrylic bubble

**VGA-BUBBLE-CCLA****VGA-BUBBLE-CTIA Tinted High-resolution Bubble for an In-ceiling Housing**

Low-impact acrylic bubble

**VGA-BUBBLE-CTIA****VGA-BUBBLE-PCLA Clear High-resolution Bubble for a Pendant Housing**

Low-impact acrylic bubble

**VGA-BUBBLE-PCLA****VGA-BUBBLE-PTIA Tinted High-resolution Bubble for a Pendant Housing**

Low-impact acrylic bubble

**VGA-BUBBLE-PTIA**

## Ordering Information

### Software Options

#### MVC-FENC-AES BVIP AES 128 Bit

#### MVC-FENC-AES

##### Encryption

BVIP AES 128-bit encryption site license.

This license is required only once per installation. It enables encrypted communication between BVIP devices and management stations.

**Americas:**  
Bosch Security Systems, Inc.  
130 Perinton Parkway  
Fairport, New York, 14450, USA  
Phone: +1 800 289 0096  
Fax: +1 585 223 9180  
security.sales@us.bosch.com  
www.boschsecurity.us

**Europe, Middle East, Africa:**  
Bosch Security Systems B.V.  
P.O. Box 80002  
5800 JB Eindhoven, The Netherlands  
Phone: + 31 40 2577 284  
Fax: +31 40 2577 330  
emea.securitysystems@bosch.com  
www.boschsecurity.com

**Asia-Pacific:**  
Robert Bosch (SEA) Pte Ltd, Security Systems  
11 Bishan Street 21  
Singapore 573943  
Phone: +65 6571 2808  
Fax: +65 6571 2699  
apr.securitysystems@bosch.com  
www.boschsecurity.asia

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