


BOSCH

Invented for life

VDx-240 Outdoor Domes



- Color, Day/Night, and Day/Night with IR model to fit every application
- Pan-Tilt-Twist (3-axis) gimbal and varifocal lens
- On screen display (OSD) with joystick control for easy setup
- All-weather housing (IP66 rated)

The VDC-240, VDN-240 and VDI-240 Outdoor Dome cameras are a range of dome cameras to fit most outdoor applications.

The VDC-240 is a color camera that provides crisp clear images in applications with sufficient lighting.

The VDN-240 has day/night functionality and is designed for applications with poor lighting conditions. When insufficient lighting is available for a clear color image, the camera switches to monochrome mode with a higher light sensitivity.

For applications requiring extra lighting, the VDI-240 has 18 on-board IR LEDs providing 20 meters of active-infrared night vision. Intelligent IR control adjusts the light output depending on the scene content.

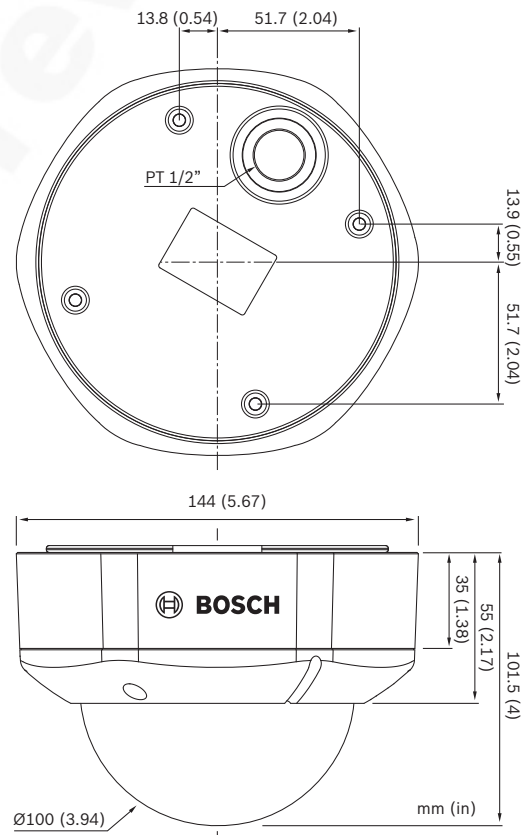
All models come in a robust, conduit compatible, all-weather housing (IP66 rated) and provide high-resolution (540TVL) images.

Functions

Applications

- Parking lots
- Public areas
- Commercial property
- Retail
- Schools
- Banks

Installation/Configuration Notes



Technical Specifications

Video

CCD Camera	1/3-inch High Sensitivity CCD
Effective pixels (HxV)	752X582 (PAL) 768x494 (NTSC)
Color Resolution	540 TVL (min.)
B/W Resolution	580 TVL (min.)
Electronics Iris	1/50 to 1/120,000 s (PAL) 1/60 to 1/120,000 s (NTSC)
Manual shutter	1/50 (1/60), 1/100 (1/120), 1/250, 1/500, 1/700, 1/1K, 1/1.6k, 1/2.5K, 1/5K, 1/7K 1/10K, 1/30K, 1/60K, 1/120K
Output Signal	1 VPP composite video, 75 ohm
Output connection	BNC connector
S/N Ratio	Greater than 50 dB
Gamma	0.35, 0.45 (default), 0.6, 0.75
Lens (VDC, VDN)	2.8 to 10 mm varifocal auto-iris
Lens (VDI)	3.8 to 9.5 mm varifocal auto-iris

VDI-240

Night Time Sensitivity	0 lx (infrared on)
LEDs	Intelligent 18-LED infrared array
Wavelength	850 nm

Mechanical

Housing	Surface mount dome, vandal resistant
Gimbals	3D gimbal for easy installation
Construction	Robust aluminum
Finish	Off-white
Conduit Compatible	1/2-inch PT

Electrical

Power Consumption	NDC-240: 3.6 W max. NDN-240: 3.6 W max. NDI-240: 6 W max.
Voltage	12 VDC or 24 VAC
Power Supply	Not included

Environmental

Operational Temp.	-10 °C to +50 °C
Storage Temp.	-20 °C to +60 °C
Environment	IP66 certified

Ordering Information

VDC-240V03-1 Outdoor Color Dome Camera	VDC-240V03-1
Outdoor Color Dome Camera, 2.8-10.5 mm, 540TVL, PAL, 12 VDC/24 VAC	
VDC-240V03-2 Outdoor Color Dome Camera	VDC-240V03-2
Outdoor Color Dome Camera, 2.8-10.5 mm, 540TVL, NTSC, 12 VDC/24 VAC	
VDN-240V03-1 Outdoor D/N Dome Camera	VDN-240V03-1
Outdoor Day/Night Dome Camera, 2.8-10.5 mm, 540TVL, PAL, 12 VDC/24 VAC	
VDN-240V03-2 Outdoor D/N Dome Camera	VDN-240V03-2
Outdoor Day/Night Dome Camera, 2.8-10.5 mm, 540TVL, NTSC, 12 VDC/24 VAC	
VDI-240V03-1 Outdoor IR D/N Dome Camera	VDI-240V03-1
Outdoor Integrated IR Dome Camera, 3.8-9.5 mm, 540TVL, PAL, 12 VDC/24 VAC	
VDI-240V03-2 Outdoor IR D/N Dome Camera	VDI-240V03-2
Outdoor Integrated IR Dome Camera, 3.8-9.5 mm, 540TVL, NTSC, 12 VDC/24 VAC	

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