

Compact Day/Night Camera VBC-265 Series

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The VBC-265 Day/Night Camera is a professional surveillance day/night camera that incorporates 10-bit digital signal processing.

The camera automatically detects the lens type. The Lens Wizard ensures accurate back focusing for sharp pictures at all times. The camera parameters can be individually set using the control buttons on the side of the camera and the on-screen display.

The camera has enhanced night or low-light viewing compared to normal color cameras. The IR filter switches from color to monochrome automatically. A through-the-lens IR detector enhances the monochrome mode stability.

The automatic black level feature enhances contrast by compensating for reduced contrast (glare, fog, mist, etc.).

Features

- ▶ Superior picture quality
- ▶ Outstanding resolution (540 TVL)
- ▶ IR sensitivity at night
- ▶ Auto detection of lens
- ▶ Easy to install
- ▶ AC or DC voltage operation

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Technical Specifications

Electrical			
Rated Voltage (VBC-265-11)	12 VDC 24 VAC, 50 Hz		
Rated Voltage (VBC-265-51)	230 VAC, 50 Hz		
Power Consumption	4 W		
CCD Type	1/3-inch interline		
Active Pixels	752 x 582		
Horizontal Resolution	540 TVL		
Day/Night	Color, Mono, Auto		
Dynamic range	60 db (10-bit image processing)		
Signal-to-Noise Ratio	> 50 dB		
BLC	On (center window weighted), Off		
Gain	20 dB max.		
White Balance	ATW (2500 - 10000 K), AWB hold, Manual WB selectable		
Shutter	Auto (1/50 to 1/150000), fixed, flickerless		
Auto Black	Automatic, Continuous, Off		
Synchronization	Internal, Line Lock selectable		
Lens Mount	CS (maximum lens protrusion 5 mm, 0.2 in), C-mount compatible with adapter ring		
Lens Types	Manual, DC iris and Video iris auto-detect with override DC-iris drive: max. 50 mA continuous Video-iris: 11.5 ± 0.5 VDC, max 50 mA continuous		
Remote Control	Bilinx coaxial communication		
Camera ID	16 character editable string, position selectable		
Alarm Input (TTL)	+5 V nominal, +40 VDC max		
Alarm Output	Monochrome		
Alarm Output Relay	Max. 30 VAC or +40 VDC, Max 0,5 A continuous, 10 VA		
Video Output	1 Vpp, 75 Ohm		
Sensitivity			
(3200 K, scene reflectivity 89%, F1.2)			
	Full video (100 IRE)	Usable picture (50 IRE)	Usable picture (30 IRE)
Color	2.6 lx (0.26 fc)	0.65 lx (0.065 fc)	0.30 lx (0.03 fc)
Mono	1.04 lx (0.104 fc)	0.26 lx (0.026 fc)	0.012 lx (0.0012 fc)
Mechanical			
Dimensions (H x W x L)	58 x 66 x 122 mm (2.28 x 2.6 x 4.8 in) without lens		
Weight	450 g (0.99 lbs) without lens		
Color	RAL 7035 Light Grey		
Tripod Mount	Bottom (isolated) and top 1/4-inch 20 UNC		
Environmental			
Operating Temperature	-20°C to +50°C (-4°F to 122°F)		
Storage Temperature	-40°C to +70°C (-40°F to +158°F)		
Operating Humidity	20% to 93% RH		
Storage Humidity	up to 98% RH		

Power	
Power connector (VBC-265-11)	Push type connectors, polarity independent, isolated from video output terminals
Power connector (VBC-265-51)	2-wire power cord with Euro plug
Power connector (VBC-265-51C)	2-wire power cord with Chinese plug
Certifications and Approvals	
Electro Magnetic Compatibility	
Emission	EN55022 class B, FCC class B part 15
Immunity	EN50130-4 Alarm Systems, Part 4
Vibration	Camera with 500 g (1.1 lb) lens according to IEC60068-2-27
Safety	
EN60065	
Ordering Information	
VBC-265-11 Day/Night Camera	VBC-265-11
VBC-265-51 Day/Night Camera	VBC-265-51
VBC-265-51C Day/Night Camera	VBC-265-51C

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