

# Compact Day/Night Camera VBC-265 Series

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Advantage Line

The VBC-265 Day/Night Camera is a professional surveillance day/night camera that incorporates 10-bit digital signal processing. The camera parameters can be set individually and a Lens Wizard ensures accurate back focusing at all times. The camera has enhanced night viewing compared to normal color cameras. The IR filter switches to monochrome automatically. A through-the-lens IR detector enhances the monochrome mode stability. The automatic black level 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

### Technical specifications

Electrical			
Model No.	Rated Voltage	Range	
VBC-265-11 (C)	12 VDC	10.8-39 VDC	
	24 VAC 50 Hz	12-28 VAC 45-65 Hz	
VBC-265-51 (C)	230 VAC 50 Hz	85-265 VAC 45-65 Hz	
Rated Voltage (VBC-265-11, VBC-265-11C)	12 VDC		
	24 VAC, 50 Hz		
Rated Voltage (VBC-265-51, VBC-265-51C)	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, VBC-265-11C)	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



### Notice

Lens is not included

Certifications and approvals	
Region	Certification
Europe	CE
Standards	
	FCC Part 15, Class B
	EN55022: Class B
	EN50130-4 Alarm Systems, Part 4
	EN60065
	IEC60068-2-27: Vibration - camera with 500 g (1.1 lb) lens
Ordering information	
VBC-265-11 Day/Night Camera, 12 VDC/ 24 VAC	VBC-265-11
VBC-265-51 Day/Night Camera, 230 VAC	VBC-265-51
VBC-265-11C Day/Night Camera, 12 VDC/ 24 VAC, China	VBC-265-11C
VBC-265-51C Day/Night Camera, 230 VAC, China	VBC-265-51C

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