

V50 Series

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WEDGEVIEW CAMERA

The V50 WedgeView Series is suitable for vehicles requiring a camera with clear images and low maintenance. The V50 is a low profile camera that will easily blend into almost any mobile environment. The V50 is a practical solution that offers an impact-resistant, flame-rated, UV stabilized polycarbonate ABS plastic enclosure as well as wiring concealment to improve the look and reduce the risk of tampering.

Both the high and standard resolution cameras, in back and white or color, come in an impact-resistant wedge housing. Manual pan and tilt allow for adjustable camera positioning.

The V50 is easy to use and can be installed almost anywhere in less than 15 minutes. One power connection self configures to either 12 VDC or 24 VAC. AC line lock standard with all cameras in 24 VAC operations.

Market Opportunities

For organizations managing vehicles such as buses and trucks, the V50 Series provides high-quality images regardless of motion frequency. Due to the impressive image quality of the V50 Series, the cameras can meet the needs of even the most demanding vehicle owners or operators. The V50 Series mobile camera is compact in design, which allows for easy mobility and placement in and around the vehicle. The V50 can also be used with a wide variety of passenger and other types of vehicles.

Features

- Polycarbonate enclosure is impact-resistant, flame-rated and UV stabilized
- Wiring can be completely concealed to reduce the risk of tampering
- Manual pan and tilt allow for adjustable camera positioning
- Color cameras feature Digital Signal Processing
- Compatible with Quick Change Lenses 2.9 mm to 16.0 mm
- Low profile camera comes fully assembled and factory tested allowing for installation almost anywhere in under 15 minutes
- Weather sealed enclosure and cable opening for outdoor installations
- Self configures to either 12 VDC or 24 VAC



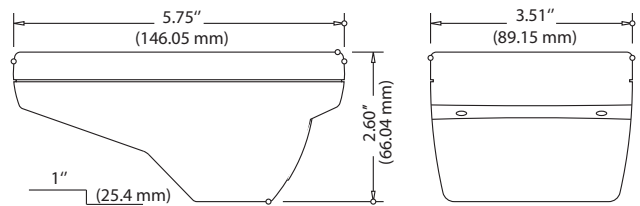
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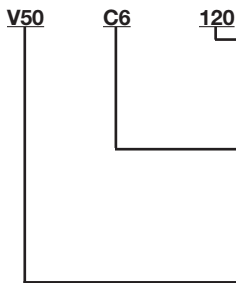
SPECIFICATIONS

Operational	Black and White	Color
Video Standard	EIA, CCIR	NTSC, PAL
Scanning System	525/60 Lines (NTSC/EIA) 625/50 Lines (PAL/CCIR)	
Image Sensor	1/3" CCD	
Number of Pixels (H x V)	EIA: 512 x 492 (Std Res) 816 x 495 (High Res) CCIR: 512 x 582 (Std Res) 798 x 584 (High Res)	NTSC: 510 x 492 (Std Res) 768 x 494 (High Res) PAL: 500 x 582 (Std Res) 752 x 582 (High Res)
Minimum Illumination	0.06 lux @ F1.5 (Std Res) 0.08 lux @ F1.5 (High Res)	0.5 lux @ F1.5 (Std Res) 0.6 lux @ F1.5 (High Res)
Horizontal Resolution	410 TV lines (Std Res) 570 TV lines (High Res)	350 TV lines (Std Res) 480 TV lines (High Res)
Video Output	1 Vp-p @ 75 Ohms	
Sync System	12 VDC internal 24 VAC external (VD lock)	
S/N Ratio	Better than 51 dB	
Auto Gain Control	On/Off (1-26 dB max), switchable	
Automatic Electronic Shutter	1/60 to 1/100,000 seconds	
White Balance	N/A	AWB/ATW/Indoor (3200°K) Outdoor (6500°K)
BLC	On (central window), Off-switchable	
Lens Type	Fixed lens with auto iris	
Electrical		
Input Voltage	12 VDC/24 VAC	
Input Range	11 – 16 VDC regulated	
Surge Suppression	1.5 kW transient	
Power Consumption	2.5 W	3.5 W
Mechanical		
Dimensions (W x H x D)	See line drawing	
Weight	0.56 lbs (0.255 kg) (without cables or brackets)	
Construction	Housing: Polycarbonate ABS (impact resistant, flame rated and UV stabilized) Window: Scratch-resistant acrylic Finish: Off-white matte	
Connectors	Video Output: BNC female Power Input: Male jack 2.1 mm	

Environmental						
Temperature	Operating: -13°F to +122°F (-25°C to +50°C) Storage: -31°F to +140°F (-35°C to +60°C)					
Relative Humidity	0 to 95% (non condensing)					
Regulatory						
Emissions	FCC: Part 15, Class B					
Safety	EU: 73/23/EEC LVD					
Patent	Wedge Mount Housing #416,032 USA					
Accessories						
Transformers (North America Only)						
HPT2420	24 VAC, DVA Class 2 plug-in with thermal cut out					
HPT12DC500	12 VDC, 500mA plug-in regulated 2.1 mm coaxial plug UL/CSA Listed					
Power Supplies (North America Only)						
UL Listed	Fused	Smart Fused	Description			
HPTV2404UL	HPTV2404	HPTV2404CB	4A, 4 Output			
HPTV2408UL	HPTV2408	HPTV2408CB	4A, 8 Output			
HPTV2416UL	HPTV2416	HPTV2416CB	8A, 16 Output			
Field of View						
(mm)	2.9	3.6	6.0	8.0	12	16
Horizontal	90°	74°	42°	32°	22°	15°
Vertical	67°	55°	32°	24°	17°	11°
Lens Code	029	038	060	080	120	150



Ordering



Lens Options

- 029** 2.9 mm fixed lens
- 036** 3.6 mm fixed lens
- 060** 6 mm fixed lens

Camera Options

- B1** STD Res B&W EIA
- B21** STD Res B&W CCIR
- B6** High Res B&W CCIR
- B26** High Res B&W EIA

Camera

- 080** 8 mm fixed lens
- 120** 12 mm fixed lens
- 160** 16 mm fixed lens

- C1** STD Res Color NTSC
- C21** STD Res Color PAL
- C6** High Res Color NTSC
- C26** High Res Color PAL

NOTE: Honeywell reserves the right, without notification, to make changes in product design or specifications.

Honeywell Security

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