

V60N AND V60A Series

www.honeywellvideo.com

LOW LIGHT / IR ILLUMINATED COMPACT RUGGED CAMERAS

The V60 Series of compact rugged cameras is small enough to fit in the palm of your hand, offering a low profile and discreet appearance. There are several variants available that expand market appeal to include harsh temperature environments as well as low light; making it one of the most versatile camera series available. All V60s are housed in a die-cast zinc enclosure for toughness and are supplied with tamper-resistant screws for added security. The unique design allows for uniform installation, typically in less than 15 minutes, and top performance in some of the most demanding conditions.

The V60N Night Hawk and V60A Arctic Night shed new light on surveillance with long lasting quality and an uncompromised picture. The V60N and V60A cameras are designed to be installed in situations where picture quality might be compromised due to low light levels. The built-in infrared illuminators allow the camera to see in complete darkness up to 40 feet (12m) depending on lens*.

The V60N and V60A are effective in complete darkness with zero lux imaging. The V60A Arctic Night features an internal heater for operation in extreme cold temperatures as low as -50°F (-46°C).

Market Opportunities

Zero lux imaging makes the V60N and V60A Series the right choice for installation in night clubs, sleep clinics, office complexes, ferry terminals or anywhere requiring night monitoring. With added protection against the cold, the V60A is ideal for extreme temperature environments including iceboxes and non temperature-controlled storage facilities.

Features

- Die-cast zinc enclosure
- Built-in infrared illuminators allow the camera to see up to 40 ft (12m) in complete darkness, depending on lens
- Operates in temperatures as low as -50°F (-46°C)
- Installs in less than 15 minutes
- Fully weather sealed for indoor and outdoor use
- Lens options 2.9 mm to 16.0 mm**

* Dependent on reflectivity of the scene, weather conditions, etc.

** Not compatible with Quick Change Lenses



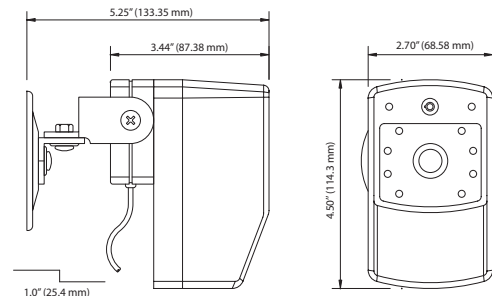
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SPECIFICATIONS

Operational	Standard Resolution	High Resolution
Video Standard	EIA, CCIR	
Scanning System	525/60 Lines (NTSC/EIA) 625/50 Lines (PAL/CCIR)	
Image Sensor	1/3" CCD Sony/Panasonic sensor	
Number of Pixels (H x V)	EIA: 512 x 492 CCIR: 512 x 582	EIA: 816 x 495 CCIR: 798 x 584
Minimum Illumination	0 lux, operates in complete darkness	
IR LEDs	8 LEDs, 30° beam angle	
IR Sensitivity	875 nm	
IR Illumination Distance	Broad 25 ft (8m) – 2.9 mm to 8 mm Directional 40 ft (23m) – 12 mm to 16 mm	
Horizontal Resolution	410 TV lines	570 TV lines
Video Output	1 Vp-p @ 75 Ohms	
Sync System	12 VDC internal	
S/N Ratio	Better than 51 dB	
Auto Gain Control	Auto	
Automatic Electronic Shutter	1/60 to 1/100,000 seconds	
White Balance	ATW	
BLC	On (central window), Off-switchable	
Lens Type	Fixed lens with auto iris	
Electrical		
Input Voltage	12 VDC	
Input Range	11 – 16 VDC regulated	
Surge Suppression	1.5 kW transient	
Power Consumption	11.4 W	
Mechanical		
Dimensions (W x H x D)	2.5" x 2.75" x 4.5" (63 mm x 69 mm x 114 mm)	
Weight	2.6 lbs (1.18 kg) (without cables)	
Construction	Housing: Die-cast zinc Window: Non-glare scratch-resistant Lexan® Finish: Powder coat off-white	
Connectors	Video Output: BNC female Audio Output: RCA Power Input: Male jack 2.1 mm	

Environmental						
Temperature	Operating: V60N: -13°F to +140°F (-25°C to +60°C) V60A: -50°F to +140°F (-46°C to +60°C) Storage: V60N: -31°F to +158°F (-35°C to +70°C) V60A: -69°F to +158°F (-56°C to +70°C)					
Relative Humidity	0 to 95% (non condensing)					
Regulatory						
Emissions	FCC: Part 15, Class B CE: (EN 55022)					
Safety	EU: 73/23/EEC LVD					
Patent	Security Bolt #2,127,312 CANADA #5,946,404 US					
Accessories						
Camera Brackets						
019.0002	U bracket, 2.75"					
019.0003	U bracket, 4.75"					
Transformers						
HPT12DC1000	Single Output DC Plug-In Transformer, 12 VDC @ 1000 mA					
HPT12DC500	Single Output DC Plug-In Transformer, 12 VDC @ 500 mA					
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

V60N	B6	120	
<ul style="list-style-type: none"> └─ Lens Options 029 2.9 mm fixed lens 036 3.6 mm fixed lens 060 6 mm fixed lens 080 8 mm fixed lens 120 12 mm fixed lens 160 16 mm fixed lens 			
<ul style="list-style-type: none"> └─ 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 			
<ul style="list-style-type: none"> └─ Camera Type N Night Hawk camera A Arctic Night camera 			

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

Honeywell Security

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