WZ16 Integrated IR Bullet Camera

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Invented for life

The WZ16 provides reliable day and night surveillance in a compact, water resistant design that integrates 18 infrared LEDs for 20 m (66 ft) of IR-cut filtered night vision.

Incorporating a SuperHAD 1/3 in CCD, the camera delivers 520 TVL color imaging during day and 20 m (66 ft) of active-infrared night vision under zero lux. The mechanical IR-cut lens filter gives accurate daytime color and exceptional performance under infrared. Mechanical filter technology minimizes IR bleed and prevents focus shift from daytime to night-time modes.

The 18 integrated infrared LEDs deliver up to 20 m (66 ft) of night vision for effective 24/7 performance. The photocell-controlled LEDs ensure accurate on/off switching and help increase energy efficiency.

For indoor and outdoor environments, the WZ16 is a quick and easy Plug-and-Play solution for 24/7 day and night surveillance.
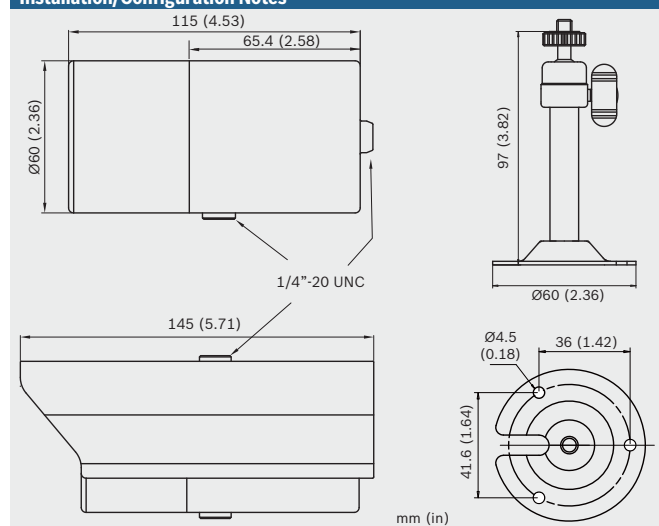
Features

▸ Outstanding low light performance
▸ Surveillance at zero lux
▸ Flexible viewing angle
▸ Discreet outdoor operation
▸ Quick installation

Technical Specifications

Video	
Signal Processing	Digital signal processing (DSP)
CCD Camera	1/3 in SuperHAD CCD
Filter	IR-Cut, lens mounted
Resolution	High resolution 520 TVL
Effective Pixels (H x V)	PAL: 752 x 582, NTSC: 768 x 494
Night-Time Sensitivity	0 lux (infrared on)
Electronics Iris	1/50 to 1/100,000 s (PAL),
	1/60 to 1/100,000 s (NTSC)
Output Signal	1 VPP composite video, 75 ohm
S/N Ratio	Greater than 45 dB
Gamma	0.45
Lens	Varifocal 3.8 to 9.5 mm, DC auto-iris
LEDs	Infrared array, photocell-controlled
Wavelength	850 nm
Number of LEDs	18
Electrical	
Voltage	12 VDC or 24 VAC
Power Draw	7 W Max.
Power Supply	Not included
Mechanical	
Construction	Robust aluminum extrusion
Finish	Anodized silver
Sunshield	Included
Bracket	Pan-tilt bracket included
Weight	0.56 kg (1.2 lb)
Dimensions	Ø 60 x 145 (L) mm (2.4 x 5.7 in)
Environmental	
Operation Temperature Range	-30 ºC to +55 ºC (-22 ºF to +131 ºF)
Environment	IP67 compliant

Ordering Information	
VTI-216V04-2 WZ16 Integrated IR Bullet Camera	VTI-216V04-2
VTI-216V04-1 WZ16 Integrated IR Bullet Camera	VTI-216V04-1
Accessories	
UPA-1220-60 Power Supply	UPA-1220-60
UPA-1220-50 Power Supply	UPA-1220-50

Installation/Configuration Notes

115 (4.53)
65.4 (2.58)
Ø60 (2.36)
1/4"-20 UNC
97 (3.82)
Ø60 (2.36)
145 (5.71)
Ø4.5 (0.18)
36 (1.42)
41.6 (1.64)
mm (in)