

# WZ16 Integrated IR Bullet Camera



**BOSCH**  
Invented for life



Advantage Line

The WZ16 provides reliable day and night surveillance in a compact, water resistant design that integrates 18 infrared LEDs. Incorporating a SuperHAD 1/3 in CCD, the camera delivers 520 TVL color imaging during the day and 20 m (66 ft) of active-infrared night vision. The mechanical filter technology minimizes IR bleed and prevents focus shift. For indoor and outdoor environments, the WZ16 is a quick and easy Plug-and-Play solution for 24/7 day and night surveillance.

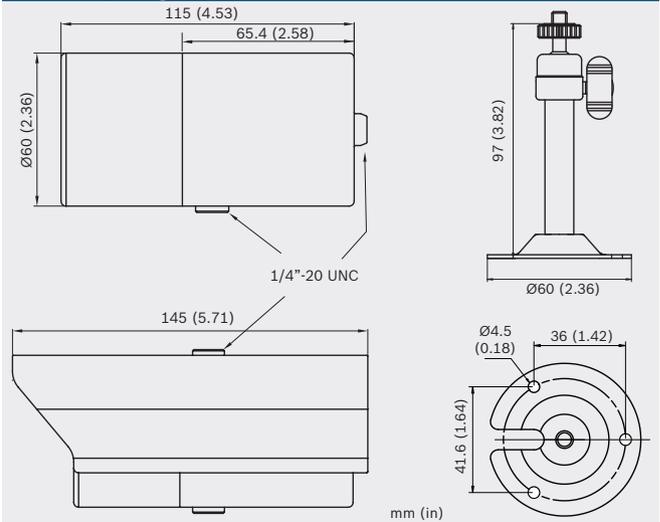
## Features

- ▶ 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 °C to +55 °C (-22 °F to +131 °F)
Environment	IP67 compliant
Certifications and Approvals	
Standards	
	ANSI C63.4: 1992 FCC Part 15 subpart B, Class B
	UL 60065, 7th Edition. 2007-12-11
	CAN/CSA-C22.2 No. 60065-03, 1st Edition, 2006-04 + A1:2006
	EN55022:1998 / A1:2000 / A2:2003
	EN50130-4:1995 / A1:1998 / A2:2003
	LVD 2006/95/EC EN60065:2002 + A1:2006 + A11:2008
	IP67, IEC 60529 (2001), IEC 60529 (2001)

### Installation/Configuration Notes



### Ordering Information

VTI-216V04-2 WZ16 Integrated IR Bullet Camera, NTSC	VTI-216V04-2
VTI-216V04-1 WZ16 Integrated IR Bullet Camera, PAL	VTI-216V04-1
Accessories	
UPA-1220-60 Power Supply	UPA-1220-60
UPA-1220-50 Power Supply	UPA-1220-50