The WZ20 bullet camera has 30 high-power infrared LEDs that provide high performance night vision images up to 45 m (150 ft). The 1/3-in CCD sensor delivers 540 TVL of color imaging with outstanding IR spectral response, and video images with low-smear, low-streaking and excellent anti-blooming characteristics.

The versatile 5 to 50 mm IR-corrected lens provides outstanding performance under both visible light and infrared illumination. The mechanical filter technology helps eliminate focus shift and infrared bleed.

**Features**

- High resolution (540 TVL)
- Vivid daytime color
- High performance night vision
- Versatile IR-corrected lens
- Outdoor operation (IP66)
Technical specifications

**Video**
- **Signal Processing**: Digital signal processing (DSP)
- **CCD Camera**: 1/3 in CCD with Mechanical Filter technology
- **Filter**: Dual-window mechanical type, IR Pass, IR-Cut
- **Resolution**: High resolution 540 TVL
- **Effective Pixels (H x V)**: PAL: 795 x 596, NTSC: 811 x 508
- **Night-Time Sensitivity**: 0 lux (infrared on)
- **Day-Night Switching**: Photocell-controlled, automatic
- **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 48 dB
- **Gamma**: 0.45
- **Lens**: IR-corrected, varifocal 5 to 50 mm, DC auto-iris
- **Lens Control**: Externally adjustable zoom, focus and auto-iris
- **LEDs**: Even-distribution infrared array, photocell-controlled
- **Wavelength**: 850 nm
- **Number of LEDs**: 30

**Electrical**
- **Voltage**: 12 VDC or 24 VAC
- **Power Draw**: 8 W max (infrared on)
- **Power Supply**: Not included

**Mechanical**
- **Construction**: Robust aluminum extrusion
- **Finish**: Anodized silver
- **Sunshield**: Included as standard
- **Bracket**: 360º pan / 90º tilt bracket included as standard
- **Weight**: 1.7 kg (3.8 lb)
- **Dimensions**: Ø 98 x 292 (L) mm, (3.0 x 11.5 in)

**Environmental**
- **Operation Temperature Range**: -30 ºC to +55 ºC, (-22 ºF to +131 ºF)
- **Environment**: IP66 rated

**Certifications and approvals**
- **Region**: Europe
- **Certification**: CE
- **Standards**:
  - ANSI C63.4: 2009
  - FCC Parts 2 & 15, Class A Digital Devices
  - (AS/NZS CISPR 22: 2006) (Class A)
  - EN61000-3-2:2006
  - EN61000-3-3:2008
  - LVD 2006/95/EC

**Ordering information**
- **VTI-220V05-2 WZ20 Integrated IR Bullet Camera, NTSC**: VTI-220V05-2
- **VTI-220V05-1 WZ20 Integrated IR Bullet Camera, PAL**: VTI-220V05-1

**Accessories**
- **UPA-1220-60 Power Supply**: UPA-1220-60
- **UPA-1220-50 Power Supply**: UPA-1220-50
- **WZMB.001 Gang Box Adapter Plate**: WZMB.001

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