



## Network Video Devices

Outdoor WDR Day/Night IP Bullet Camera

# ZN-BT3312

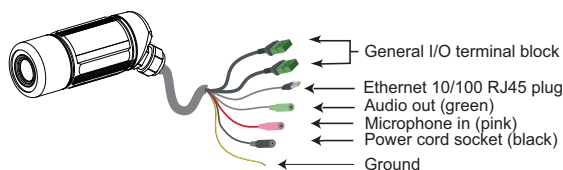
### Features:

- Wide Dynamic Range (WDR) CMOS sensor
- 3.3 ~ 12 mm IR varifocal A/I lens
- Removable IR cut filter for True Day/Night operation
- 12 IR LEDs, provide up to 50' illumination range
- Real-time MPEG-4 and MJPEG compression (Dual Codec)
- Simultaneous dual streams
- IP66 rating for all weather conditions
- PoE ready (IEEE 802.3af compliant )
- Two-way audio via SIP protocol
- Digital I/O for external sensor and alarm
- Sun shield and mounting bracket included

# ZN-BT3312

## Outdoor WDR Day/Night IP Bullet Camera

### ■ Connections



### ■ Specifications

Model		ZN-BT3312
Type	True Day/Night	Removable IR cut filter for True Day/Night operation
Lens		3.3 ~ 12 mm IR Varifocal A/I, F1.4 (wide), F2.9 (tele) Focus range: 20" to infinity
Angle of view		Horizontal - 23.9° ~ 89.8° Vertical - 17.9° ~ 63.6°
Shutter time		1/5 sec. to 1/15000 sec.
Image sensor		1/3.3" Wide Dynamic Range CMOS sensor in 720x480 resolution
Minimum illumination		0.68 Lux / F1.4, 0 Lux / F1.4 (IR LED on)
IR Illuminators		12 built-in IR illuminators, effective up to 50 feet
Video	Compression Streaming	MJPEG & MPEG-4,
		Simultaneous dual streams
		MPEG-4 streaming over UDP, TCP or TTP
		MPEG-4 multicast streaming
	Frame Rates	MJPEG streaming over HTTP
		MPEG-4: up to 25 fps at 720x480 MJPEG: up to 25 fps at 720x480
Image settings		Adjustable image size, quality and bit rate
		Time stamp and text caption overlay
		Flip & mirror
		Configurable brightness, contrast, saturation & hue
		AGC, AWB, AEC (Automatic Exposure Control), WDR
		Automatic or manual day/night mode
		Supports privacy masks
Audio	Compression	GSM-AMR speech encoding, bit rate
		4.75 kbps to 12.2 kbps
		MPEG-4 AAC audio encoding, bit rate: 16 kbps to 128 kbps
	Interface	External microphone input / Audio output
		Supports two-way audio via SIP protocol
Supports audio mute		
Networking	Protocols	10/100 Mbps Ethernet
		IPv4, TCP/IP, HTTP, UPnP, RTSP/ RTP/RTCP, IGMP, SMTP, FTP, DHCP, NTP, DNS, DDNS and PPPoE
Alarm and event management		Triple-window video motion detection
		One D/I and one D/O for external sensor and alarm
		Event notification using HTTP, SMTP or FTP
		Local recording of MP4 file
Security		Muilti-level user access with password protection
		IP address filtering
Users		Live viewing for up to 10 clients
Dimensions		2.8" Ø x 7.2" L
Weight		2 lbs.
Power		12V DC 24V AC / PoE - 802.3af compliant
Power consumption		Max. 6 W
Housing		IP66 Rated
Approvals		CE, LVD, FCC, VCCI, C-Tick
Operating environment	Temperature	-4 ~ 140 °F (-20 ~ 60 °C)
	Humidity	20% ~ 80% RH
Viewing and system requirements		OS - Windows 2000/XP/Vista, Browser: I.E. 6.x or above, Cell phone: 3GPP player, Real Player: 10.5 or above, QuickTime: 6.5 or above
Installation, management and maintenance		Installation Wizard 2, 16-CH recording software Supports firmware upgrade

All specifications are subject to change without notice