

IP Video Surveillance

VB8275 Bullet Camera

1.3MP HD 720p - WDR



Overview

VIDEOTEKNIKA VB8275 is a versatile, fully cable managed, varifocal bullet camera with WDR designed for outdoor applications with a 1.3 Megapixel sensor enabling a viewing resolution of 1280 x 960 (720p HD Real Time). The outdoor True Day & Night camera provides superior quality video in the most extreme low light conditions up to 50 / 100 metres and allows versatile indoor use through its WDR feature. The VB8275 features a 3-Axis adjustment bracket. The camera incorporates a 1/3" CMOS chip with progressive scan technology enabling sharp images in highly populated locations. It also supports POE.

Supported Compression

The VB8275 supports SMART Codec MJPEG compression technology, a digital video encoding standard where each video frame is separately compressed into a JPEG image. It also supports MPEG-4 is a digital video encoding and compression standard that uses interframe encoding to significantly reduce the size of the video stream being transmitted. Finally it also supports the industry standard H.264 compression, the most recent compression technology that reduces video file sizes drastically, allowing for better storage and lowers bandwidth demands.

Triple Streaming

The VB8275 allows for triple independent streaming images to pass through the video coder. The resolution, frame rate and bit rate can be set independently on three streams. The main application for triple streams allows for high resolution and high frame rate streaming for recording while allowing lower resolution and frame rate for computer browsing and mobile device applications.

Smart Vu IPcctv

The VB8275 is a Smart Vu IP camera which is a blend of intelligence, compactness, information technology and other diversified high-tec break through in the next generation of the IPcctv.



Supported Software

The VB8275 is supported by the Videoteknika *endura*™ VMS. The *endura*™ VMS is a modular Video Management Software dedicated for Videoteknika IP cameras expandable up to 256 Channels per server. A 32 Channel version of Endura is supplied as a free bundled software with all Videoteknika IP Cameras. *endura mobile*™ is also available on Iphone, Android and Blackberry applications. Videoteknika IP cameras are supported by varies leading software development VMS partners.

Main Features

- HD (720p) Real time video
- Up to 1.3 Megapixel (1280 x 960) Resolution
- 2-Way Audio
- 1/3" progressive scan CMOS
- Wide Dynamic Range – 120dB WDR
- Varifocal Lens 2.8 ~ 12mm / 8 ~ 20mm
- SMART Vu IR Illuminator with range up to 50 / 100 metres
- SMART Vu Codec
- SMART Vu Detection of Audio, Video Quality, Face & Intrusions
- True Day & Night IR Cut Mechanical Filter (auto-switch)
- Triple Simultaneous Streaming
- Supported Video Compressions : MJPEG / MPEG-4 / H.264
- 3D DNR, Defog, BLC, Picture Overlay, EIS, ROI
- Power Over Ethernet (POE)
- Fully cable managed Housing and Bracket (IP66 rated)
- NAS – Network Storage Compatible
- ONVIF, PSIA, CGI compatible
- Built-in Micro SD / SDHC card slot for local storage
- Videoteknika – *endura*™ VMS software included
- Videoteknika – *endura mobile*™ supported on App Store

VB8275

IP 1.3MP WDR Bullet

HD 720p



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Easy setup

- Fully cable managed Housing and Bracket (IP66 rated)
- Power Over Ethernet – POE (802.3af)
- Varifocal Lens 2.8 ~ 12mm / 8 ~ 20mm
- WDR, True Day & Night IR Cut filter with auto-switch
- Built-in IR Illuminator, Effective 50 / 100 metres
- Image Settings like Rotate mode, saturation, brightness, contrast & grayscale are adjustable through client software or web browser

Typical Camera Locations	VB8275
Retail	Yes
Banking	Yes
Airports	Yes
Hotels & Hospitals	Yes
Parking garages	Yes
Traffic Surveillance	Yes
Perimeter Protection	Yes
Stadiums	Yes
Playgrounds	Yes

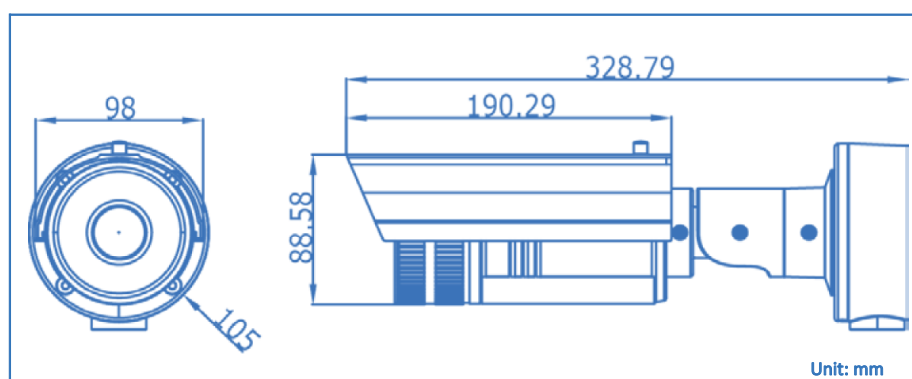
Specifications

Camera Model	VB8275
Features	
Image Sensor	1/3" progressive scan CMOS
Min. Illumination	0 Lux (IR LED's On) / 0.01 Lux (F1.4, AGC ON)
IR Range	50 / 100 metres
Video Output	1Vp-p Composite Output (75Ω, RCA)
Shutter time	1s ~ 1/100,000s
Lens	2.8 ~ 12 mm @F1.4 , Angle of view: 98.4° ~ 30.2°
Lens	8.0 ~ 20 mm @F1.4 , Angle of view: 35.5° ~ 14.7°
Lens Mount	Ø14
Auto Iris	DC drive
Local Storage	Built-in micro SD/SDHC slot, up to 64 GB
Day and Night	True Day & Night IR Cut Mechanical Filter
System Compatibility	ONVIF, PSIA, CGI
Video Compression	H.264 / MPEG4 / MJPEG
Bit Rate	32 Kbps ~ 16 Mbps
Audio Compression	G.711 / G.726
Triple Stream	Yes
Max. Image Resolution	1280 x 960
Frame Rate	50 Hz: 25fps (1280 x 960), 25fps (1280 x 720) 60 Hz: 30fps (1280 x 960), 30fps (1280 x 720)
3rd Stream	Up to 1280 x 960 (50Hz: 25 fps / 60Hz: 30 fps)

Camera Model	VB8275
Features (Continued)	
ROI	Up to 4 settable areas
Wide Dynamic Range	120dB WDR
Network Storage	NAS – Network Storage Compatible
Alarm Trigger	Motion, Face, Intrusion detection, Tampering Alarm, Defocus, Network Disconnect, IP Address Conflict
Security	User Auth, Watermark, IP Address Filtering
Alarm Input / Output	1 ch / 1 ch
Audio Input / Output	1-ch Mic in or Line in / 1-ch interface
Communication	RJ45 Ethernet port, RS-485

Environmental	
Operating Temperature	-30 °C ~ 60 °C (-22 °F ~ 140 °F)
Electrical	
Input Voltage	12 VDC ± 10%, PoE (802.3af)
Power Consumption	11W max.
Physical	
Dimensions	98(W) x 105(H) x 329(D) mm
Weight	1720g (3.79 lbs)
Weatherproof	IP66
Regulatory Certifications	FCC, CE, C-TICK, UL

Dimensional Diagrams



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Ordering Information

Camera Model	Camera Details
VB8275-12	1.3MP (1280 x 960) HD 720p, WDR, True D&N (ICR), Varifocal 2.8 ~ 12mm, 50m IR range, Triple Stream, IP66, PoE, 3-Axis Brakcet, 2-Way Audio, SD Card, (VMS, Mobile & NAS Support), Smart Vu IPcctv – Codec, Detection features.
VB8275-20	1.3MP (1280 x 960) HD 720p, WDR, True D&N (ICR), Varifocal 8 ~ 20mm, 100m IR range, Triple Stream, IP66, PoE, 3-Axis Brakcet, 2-Way Audio, SD Card, (VMS, Mobile & NAS Support), Smart Vu IPcctv – Codec, Detection features.
VB8575-12	3MP (2048 x 1536) Full HD 1080p, WDR, True D&N (ICR), Varifocal 2.8 ~ 12mm, 50m IR range, Triple Stream, IP66, PoE, 3-Axis Brakcet, 2-Way Audio, SD Card, (VMS, Mobile & NAS Support), Smart Vu IPcctv – Codec, Detection features.
VB8575-20	3MP (2048 x 1536) Full HD 1080p, WDR, True D&N (ICR), Varifocal 8 ~ 20mm, 100m IR range, Triple Stream, IP66, PoE, 3-Axis Brakcet, 2-Way Audio, SD Card, (VMS, Mobile & NAS Support), Smart Vu IPcctv – Codec, Detection features.

Recommended Associated Products



BRACKETS	VBB-01-SVU	VBB-02-SVU	endura 32™
Mount :	Pole Mount Bracket	Power Intake Box	32ch Video Management Software
Dimension :	117 (W) x 194 (L) x 143 (H) mm	90 (W) x 90 (L) mm	Mobile Application

Affiliations:



Partners:

