

IP Video Surveillance

VB7475 Bullet Camera

2MP Full HD 1080p



Overview

VIDEOTEKNIKA VB7475 is a versatile, fully cable managed, varifocal bullet camera with WDR designed for outdoor applications with a 2 Megapixel sensor enabling a viewing resolution of 1920 x 1080 (Full HD 1080p Real Time). The outdoor True Day & Night camera provides superior quality video in the most extreme low light conditions upto 50 metres and allows versatile indoor use through its WDR feature. The VB7475 features a 3-Axis adjustment bracket. The camera incorporates a 1/2.8" CMOS chip with progressive scan technology enabling sharp images in highly populated locations. The VB7475 also supports POE.

Supported Compression

The VB7475 supports MJPEG compression technology, a digital video encoding standard where each video frame is separately compressed into a JPEG image.

The VB7475 also supports the industry standard H.264+ compression, the most recent compression technology that reduces drastically video file sizes therefore allowing for better storage and lowers bandwidth demands.

Dual Streaming

The VB7475 allows for dual independent streaming images to pass through the video coder. The resolution, frame rate and bit rate can be set independently on both streams. The main application for dual 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.

Supported Software

The Camera is supported by the Videoteknika VVMS-*Xpert*™ VMS. The VVMS-*Xpert*™ VMS is a modular Video Management Software dedicated for Videoteknika IP cameras expandable up to 1024 Channels per server. A 64 Ch version VVMS-*Advanced*™ is supplied as a free bundled software with all Videoteknika IP Cameras. VVMS-*Mobile*™ is also available on Iphone and Android applications. Videoteknika IP cameras are supported by various leading software development VMS partners.

Main Features

- Full HD (1080p) Real time video
- Up to 2 Megapixel (1920 x 1080) Resolution
- 1/2.8" progressive scan CMOS
- Built-in IR Illuminator, Effective 50 metres
- True Day & Night IR Cut filter with auto-switch
- 120DB Wide Dynamic Range
- Varifocal Lens 2.8 ~ 12mm
- Dual Simultaneous Streaming
- Supported Video Compressions : MJPEG / H.264+ / H.264
- Fully cable managed Housing and Bracket (IP67 rated)
- ROI, BLC, Privacy Masking, Reset, Mirror, etc.
- Power Over Ethernet (POE)
- NAS – Network Storage Compatible
- ONVIF,PSIA,CGI compatible
- Videoteknika – VVMS-*Advanced*™ VMS software included
- Videoteknika – VVMS-*Mobile*™ supported on App Store
- Built-in Micro SD/SDHC/SDXC slot for local storage

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Easy setup

- Fully cable managed Housing and Bracket (IP67 rated)
- Power Over Ethernet – POE (802.3af)
- Varifocal Lens 2.8 ~ 12mm
- True Day & Night IR Cut filter with auto-switch
- Built-in IR Illuminator, Effective 50 metres
- Saturation, brightness, contrast adjustable through client software or web browser

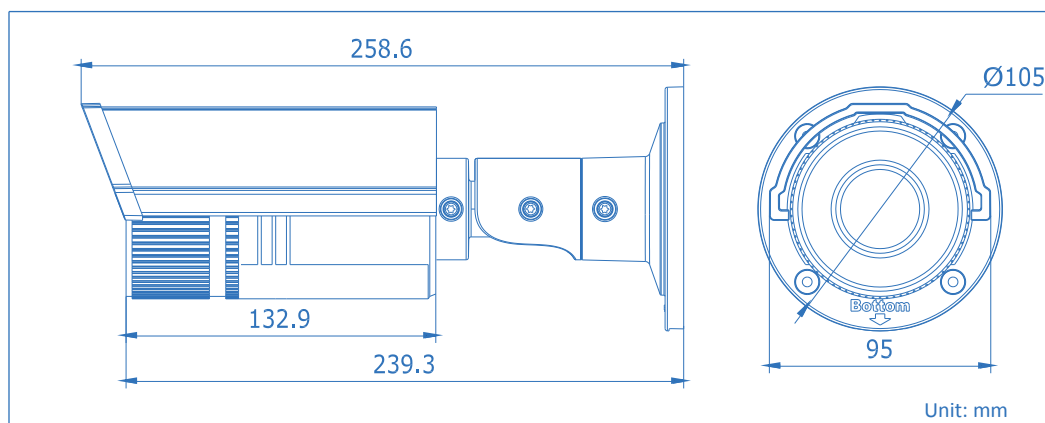
Typical Camera Locations	VB7475
Retail	Yes
Banking	Yes
Airports	Yes
Hotels & Hospitals	Yes
Parking garages	Yes
Traffic Surveillance	Yes
Perimeter Protection	Yes
Stadiums	Yes
Playgrounds	Yes

Specifications

Camera Model	VB7475
Features	
Image Sensor	1/2.8" Progressive Scan CMOS
Min. Illumination	0 Lux with IR
IR Range	50 metres
Shutter time	1/3s ~ 1/100,000s
Lens	2.8 ~ 12 mm @F1.4 Angle of view: 98° ~ 30.2°
Lens Mount	φ14
Wide Dynamic Range	120dB WDR
Local Storage	Built-in Micro SD slot, up to 128 GB
Communication	1 x RJ45 Ethernet port
Day and Night	IR cut filter with auto switch
System Compatibility	ONVIF, PSIA, CGI
Video Compression	H.264+/H.264/ MJPEG
Bit Rate	256 Kbps ~ 16 Mbps
Dual Stream	Yes
Max. Image Resolution	1920 x 1080

Camera Model	VB7475
Features (Continued)	
Frame Rate	50 Hz: 25 fps (1920 x 1080), 25 fps (1280 x 720) 60 Hz: 30 fps (1920 x 1080), 30 fps (1280 x 720)
Image Settings	ROI, BLC, Saturation, brightness, contrast through client software or web browser
Network Storage	NAS – Network Storage Compatible
Security	Password protection, watermark
Environmental	
Operating Temperature	-30 °C ~ 60 °C (-22 °F ~ 140 °F)
Electrical	
Input Voltage	DC 12V ± 10%, PoE (802.3af)
Power Consumption	Max. 5.5W (7.5W with ICR on)
Physical	
Dimensions	95(W) x 105(H) x 259(D) mm
Protection	IP67 rated
Weight	1225 g (2.70 lbs)
Regulatory Certifications	FCC, CE, C-TICK, UL

Dimensional Diagrams



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Ordering Information

Camera Model	Camera Details
VB7475	2MP (1920 x 1080) Full HD 1080p, True Day & Night, Varifocal 2.8 ~ 12mm, Dual Streaming, IP66, PoE, 120dB WDR, Fully cable managed 3-Axis Bracket, (VMS, Mobile & NAS Network Storage Support), SD Card.
VB7675	4MP (2688 x 1520) Full HD 1080p, True Day & Night, Varifocal 2.8 ~ 12mm, Dual Streaming, IP66, PoE, 120dB WDR, Fully cable managed 3-Axis Bracket, (VMS, Mobile & NAS Network Storage Support), SD Card.

Recommended Associated Products



BRACKETS	VBB-01	VBB-02	VVMS -Advanced™
Mount :	Pole Mount Bracket	Power Intake Box	Video Management Software
Dimension :	117 (W) x 194 (L) x 143 (H) mm	90 (W) x 90 (L) mm	64 Channel Mobile Application

Affiliations:



Partners:

