

# IP Video Surveillance

## VB6555 Bullet Camera

### 3MP Full HD 1080p



#### Overview

VIDEOTEKNIKA VB6555 is a versatile, fully cable managed, varifocal bullet camera designed for outdoor applications with a 3 Megapixel sensor enabling a viewing resolution of 2048 x 1536 (1080p HD Real Time). The outdoor True Day & Night camera provides superior quality video in the most extreme low light conditions upto 50 metres with an additional feature of IR-cut filter with auto-switch (ICR). The VB6555 features a 3-Axis adjustment bracket. The camera incorporates a 1/2.5" CMOS chip with progressive scan technology enabling sharp images in highly populated locations. The VB6555 also supports POE.

#### Supported Compression

The VB6555 supports MJPEG compression technology, a digital video encoding standard where each video frame is separately compressed into a JPEG image. The VB6555 also supports MPEG-4, a further development of MPEG-2 designed for transmitting audiovisual data at very low transfer rates 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. The VB6555 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 VB6555 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 VB6555 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

- Full HD (1080p) Real time video
- Up to 3 Megapixel (2048 x 1536) Resolution
- 2-Way Audio
- 1/3" progressive scan CMOS
- Built-in IR Illuminator, Effective 50 metres
- True Day & Night IR Cut filter with auto-switch
- Varifocal Lens 2.7 ~ 9mm
- Dual Simultaneous Streaming
- Supported Video Compressions : MJPEG / MPEG-4 / H.264
- Fully cable managed Housing and Bracket (IP66 rated)
- Power Over Ethernet ( POE)
- Supports ePTZ for data efficiency
- NAS – Network Storage Compatible
- ONVIF,PSIA,CGI compatible
- Videoteknika – *endura*™ VMS software included
- Videoteknika – *endura mobile*™ supported on App Store

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#### Easy setup

- Fully cable managed Housing and Bracket (IP66 rated)
- Power Over Ethernet – POE (802.3af)
- Varifocal Lens 2.7 ~ 9mm
- 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	VB6555
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	VB6555
<b>Features</b>	
Image Sensor	1/2.5" Progressive Scan CMOS
Min. Illumination	0 Lux with IR
IR Range	50 metres
Shutter time	1/25s~1/100,000s
Lens	2.7 ~ 9 mm @F1.2 Angle of view: 101° ~ 30.4°
Lens Mount	φ14
Auto Iris	DC drive
PTZ	ePTZ
Communication	1 RJ45 Ethernet port / 1 RS-485 interface
Day and Night	IR cut filter with auto switch
System Compatibility	ONVIF, PSIA, CGI
Video Compression	H.264 / MPEG4 / MJPEG
Bit Rate	32 Kbps ~ 16 Mbps
Audio Compression	G.711
Dual Stream	Yes
Max. Image Resolution	2048 x 1536
Frame Rate	50 Hz: 25 fps (1920 x 1080), 25 fps (1600 x 1200) 60 Hz: 30 fps (1920 x 1080), 30 fps (1600 x 1200)

Camera Model	VB6555
<b>Features (Continued)</b>	
Image Settings	Saturation, brightness, contrast adjustable through client software or web browser
Network Storage	NAS – Network Storage Compatible
Alarm Trigger	Motion detection, network disconnect, IP address conflict, storage exception
Security	Password protection, watermark
Alarm Input / Alarm Output	1 / 1
Audio Input / Output	1-ch audio interface / 1-ch audio interface

#### Environmental

Operating Temperature	-10 °C ~ 60 °C (14 °F ~ 140 °F)
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#### Electrical

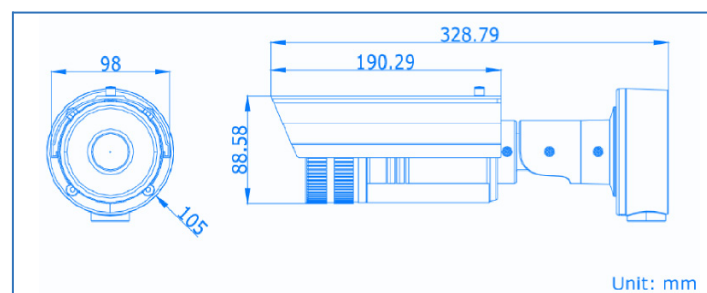
Input Voltage	12 VDC ± 10%, PoE (802.3af)
Power Consumption	Max. 8.5 W

#### Physical

Dimensions	98(W) x 88.58(H) x 328.79(D) mm
Weather Proof	IP66
Weight	1700 g (3.75 lbs)

<b>Regulatory Certifications</b>	FCC, CE, C-TICK, UL
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#### Dimensional Diagrams



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**Ordering Information**

Camera Model	Camera Details
VB6255	1.3MP (1280 x 960) HD 720p, True Day & Night, Varifocal 2.7 ~ 9mm, Dual Streaming, IP66 rated, PoE, ePTZ, Fully cable managed 3-Axis Brakcet, VMS Support, Mobile Support, NAS Network Storage Support, 2-Way Audio.
VB6355	2MP (1600 x 1200) HD 720p, True Day & Night, Varifocal 2.7 ~ 9mm, Dual Streaming, IP66 rated, PoE, ePTZ, Fully cable managed 3-Axis Brakcet, VMS Support, Mobile Support, NAS Network Storage Support, 2-Way Audio.
VB6555	3MP (2048 x 1536) Full HD 1080p, True Day & Night, Varifocal 2.7 ~ 9mm, Dual Streaming, IP66 rated, PoE, ePTZ, Fully cable managed 3-Axis Brakcet, VMS Support, Mobile Support, NAS Network Storage Support, 2-Way Audio.

**Recommended Associated Products**



<i>endura 32</i> ™	<i>endura 64 pro</i> ™	<i>endura IVRS</i> ™
Video Management Software	Video Management Software	Intelligent Video Recording Server
32 Channel	64 Channel	64 Channel
Mobile Application	Mobile Application	Mobile Application

**Affiliations:**



**Partners:**

