

IP Video Surveillance

VBE51 – I Bullet Camera

5MP Full HD 1080p



Overview

VIDEOTEKNIKA VBE51 – I is a versatile, fully cable managed, varifocal bullet camera with WDR designed for outdoor applications with a 5 Megapixel sensor enabling a viewing resolution of 2592 x 1944 (Full HD 1080p Real Time). The outdoor True Day & Night camera provides superior quality video in the most extreme low light conditions upto 80 metres and allows versatile indoor use through its DWDR feature. The camera incorporates a 1/2.7" CMOS chip with progressive scan technology enabling sharp images in highly populated locations. The VBE51 – I also supports POE.

Supported Compression

The VBE51 – I also supports the industry standard H.265, 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 VBE51 – I 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 5 Megapixel (2592 x 1944) Resolution
- 1/2.7" progressive scan CMOS
- Built-in IR Illuminator, Effective 80 metres
- Day & Night
- Digital Wide Dynamic Range
- Fixed Lens 3.6mm
- Dual Simultaneous Streaming
- Supported Video Compressions : H.265, H.264
- Support motion , Voice detect
- 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

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Easy setup

- Power Over Ethernet – POE (802.3af)
- Fixed Lens 3.6mm
- True Day & Night
- Built-in IR Illuminator, Effective 80 metres
- Saturation, brightness, contrast adjustable through client software or web browser

Specifications

Camera Model	VBE51-I
Features	
Image Sensor	1/2.7" Progressive Scan CMOS
Min. Illumination	0 Lux with IR
IR Range	80 metres
Lens	3.6mm
Shutter	Support Auto/Manual Mode
Wide Dynamic Range	D WDR
Noise Reduction	2DNR, 3DNR
Privacy Mask	Support up to 4
Regional Enhancement	Support up to 8
Day and Night	IR cut filter with auto switch
Day and Night	IR cut filter with auto switch
Video Compression	H.265 / H.264
Dual Stream	Yes
Max. Image Resolution	2592 x 1944
Stream / Frame Rate	2592 x 1944@20fps, 2592 x 1520@20fps, 2560 x 1440@20fps, 2304 x 1296@30fps, 2304 x 1296@25fps, 1080P@30fps, 1080p@25fps
Resolution	Mainstream : 2592 x 1944, 2592 x 1520, 2560 x 1440, 2304 x 1296, 1920 x 1080
Sub Stream	704 x 576(4CIF), 352 x 288(CIF), 704 x 288(2CIF), 640 x 360
Audio	Support G.711u, G.711a code standards

Typical Camera Locations	VBE51-I
Retail	Yes
Banking	Yes
Airports	Yes
Hotels & Hospitals	Yes
Parking garages	Yes
Traffic Surveillance	Yes
Perimeter Protection	Yes
Stadiums	Yes
Playgrounds	Yes

Camera Model	VBE51-I
Features (Continued)	
Audio output	Up to support 64kbps
Audio Interface	1 MIC/Line input, 1 ch audio output
Internet Interface	10M/100M adaptive network port
Protocol	IPv4, TCP, UDP, DHCP, RTP, RTSP, DNS, DDNS, NTP, Port mapping & other network protocol
Compatibility	ONVIF
Functions	Two-way voice Intercom, Audio broadcast, Motion detection, Voice Detection

Environmental

Operating Temperature -30 °C ~ 60 °C (-22 °F ~ 140 °F)

Electrical

Power supply Internal POE
 Power Consumption Max. 5.5W (7.5W with ICR on)
 Input Voltage DC 12V ± 10%, PoE (802.3af)

Physical

Dimensions 170(L) x 60(W) x 60(H) mm
 Protection IP67 rated
 Weight 300 g

Regulatory Certifications FCC, CE, C-TICK, UL



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Ordering Information

Camera Model	Camera Details
VBE51-I	5MP (2592 x 1944) Full HD 1080p, True Day & Night, Fixed 3.6mm, Dual Streaming, , PoE, DWDR,(VMS, Mobile & NAS Network Storage Support),

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:

