

# IP Video Surveillance

## VDE22-I Varifocal Dome Camera

### 2MP Full HD 1080p



#### Overview

VIDEOTEKNIKA VDE22-I is a versatile, fully cable managed, varifocal Dome camera with DWDR 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 35 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 VBE52-I also supports POE.

#### Supported Compression

The VDE22-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 VDE22-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 2 Megapixel (1920 x 1080) Resolution
- 1/2.7" progressive scan CMOS
- Built-in IR Illuminator, Effective 35 metres
- Day & Night
- Digital Wide Dynamic Range
- Varifocal Lens 2.8~12mm Manual lens
- Dual Simultaneous Streaming
- Supported Video Compressions : H.265,H.264
- Support motion
- 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)
- Varifocal Lens 2.8–12mm Manual lens
- True Day & Night
- Built-in IR Illuminator, Effective 35 metres
- Saturation, brightness, contrast adjustable through client software or web browser

### Specifications

Camera Model	VDE22-I
<b>Features</b>	
Image Sensor	1/2.7" Progressive Scan CMOS
Min. Illumination	0 Lux with IR
IR Range	35 metres
Lens	Varifocal Lens 2.8~12mm Manual lens
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	1920 x 1080,
Stream / Frame Rate	1920 x 1080 @25, 1080P@25
Resolution	Main stream: 1920 x 1080, 1920 x 1080
Sub Stream	352 x 288 (CIF), 704 x 288 (2CIF), 640 x 360, 704 x 576

Typical Camera Locations	VDE22-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	VDE22-I
<b>Features (Continued)</b>	
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	Motion detection, Voice Detection
<b>Environmental</b>	
Operating Temperature	-30 °C ~ 60 °C (-22 °F ~ 140 °F)
<b>Electrical</b>	
Power supply	Internal POE
Input Voltage	DC 12V ± 10%, PoE (802.3af)
Power Consumption	1.5W
<b>Physical</b>	
Dimensions	112.8(L) x 82(W)mm
Protection	IP67 rated
Weight	300g
<b>Regulatory Certifications</b>	FCC, CE, C-TICK, UL



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**Ordering Information**

Camera Model	Camera Details
<b>VDE22-I</b>	2MP (1920 x 1080,) Full HD 1080p, True Day & Night, Varifocal 2.8~12mm Manual lens, Dual Streaming, , PoE, DWDR,(VMS, Mobile & NAS Network Storage Support),

**Recommended Associated Products**



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

**Affiliations:**



**Partners:**

