IP Video Surveillance
VDE21–IA Dome Camera
2MP Full HD 1080p

⋈ VIDEOTEKNIKA

Overview

VIDEOTEKNIKA VDE21–IA is a versatile, 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 VDE21–IA also supports POE.

Supported Compression

The VDE21–IA 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 VDE21–IA 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
- Built in Mic
- Fixed Lens 2.8mm
- 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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1/2.7" CMOS	Progressive Scan	HD High Definition	Dual Stream
H.265	Mobile Surveillance	Day & Night	DWDR Wide Dynamic Range

FULL HD 1920X1080

⋈ **VIDEOTEKNIKA SRL – SANSEPOLCRO (AR) VIA DEL PETRETO 4 CAP 52037**
Videoteknika SRL (Perugia) Registered in Chambers of Commerce, Arezzo, Italy. Registration No. 21761
Website: www.videoteknika.com   Email : sales@videoteknika.com

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Easy setup

- Power Over Ethernet – POE (802.3af)
- Fixed Lens 2.8mm
- Built in Mic
- True Day & Night
- Built–in IR Illuminator, Effective 35 metres
- Saturation, brightness, contrast adjustable through client software or web browser

Typical Camera Locations	VDE21–IA
Retail	Yes
Banking	Yes
Airports	Yes
Hotels & Hospitals	Yes
Parking garages	Yes
Traffic Surviellance	Yes
Perimiterial Protection	Yes
Stadiums	Yes
Playgrounds	Yes

Specifications

Camera Model	VDE21–IA
Features	
Image Sensor	1/2.7" Progressive Scan CMOS
Min. Illumination	0 Lux with IR
IR Range	35 metres
Lens	Fixed Lens 2.8mm
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
Audio	Support G.711u, G.711a code standards

Camera Model	VDE21–IA
Features (Continued)	
Audio Interface	1 MIC/Line input, 1ch 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
Input Voltage	DC 12V ± 10%, PoE (802.3af)
Power Consumption	1.5W
Physical	
Dimensions	112(L) x 90(W) mm
Weight	296g
Regulatory Certifications	FCC, CE, C–TICK, UL

Ordering Information

Camera Model	Camera Details
VDE21–IA	2MP (1920 x 1080) Full HD 1080p, True Day & Night, Fixed Lens 2.8mm, Dual Streaming, Built in Mic, 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:

ONVIF
Open Network
Interface Forum

PSIA
Physical Security
Interportability

Partners:

milestone
Authorized Partner

MIRASYS

Luxriot

axxon
Video Surveillance and Security Solutions

Genetec

See Tec
Software for Video Security

Digifort
IP Surveillance System

exacq
Technologies