

VK2-1080XVRD3V9e VANDAL RESISTANT TRUE DAY/NIGHT 1080P IP DOME

IP VANDAL RESISTANT FULL HD (1080P)
PERFORMANCE FLEXIBILITY



As part of the VK2 range, VK2-1080XVRD3V9e is a true day/night full HD (1080p) IP vandal resistant dome featuring a technology set normally associated with more expensive products.

Features include 60 images per second full HD resolution of 1080p that provides highly detailed real time images with large scene content, ensuring the greatest flexibility in retrospective investigation by allowing any part of the scene to be enlarged - in both live and recorded footage, with minimum loss of detail.

The WDR function of the camera allows it to be used in challenging lighting conditions, making it possible to see detail both internally and externally in the same scene.

The VK2-1080XVRD3V9e also features PoE (Power over Ethernet), negating the need for local power, saving time and money on installations across all applications.

Complete with alarm and audio input/output functionality, the VK2-1080XVRD3V9e is simple to set-up and integrate into third party systems thanks to ONVIF compliance. The unit can deliver 3 full HD streams in H.264, MJPEG or MPEG4 formats at up to 60 images per second.

On-board Micro SD card slot provides the option of local recording, giving the option to record images in high resolution at the camera location triggered via on board VMD or external alarm inputs, with playback via its own free of charge viewing software.

As with the rest of the Vista range, the VK2-1080XVRD3V9e is compatible with the video management solutions qulu, QNVR, VK2-recorders, and other 3rd party NVRs and VMS systems.

To learn more about this product range please visit vista-cctv.com

Key Features:

Full HD triple streaming 60 images per second

Full HD resolution of 1080p allows for high Definition 16:9 images to be recorded

Wide Dynamic Range - WDR

The WDR function of the camera allows it to be used in challenging lighting conditions, making it possible to see detail both internally and externally in the same scene

ONVIF compliant

ViF compliance allows seamless integration to third party devices

PoE equipped

Using the latest poe technology, cameras can be powered via the network cable without the need for local psUs - greatly simplifying any installation

On-board recording

Images can be recorded locally (edge recording) via an on-board micro SD card slot, triggered via on board VmD or external triggers (SD card not included)

Vandal Resistant

Proven Vista vandal resistant design means the VK2-1080XVRD3V9e can be deployed in a variety of applications

FLEXIBILITY BY DESIGN™

TECHNICAL SPECIFICATION

Model	VK2-1080XVRD3V9e
GENERAL	
Imaging Device	1/2.8 Inch (16:9)
Imager Type	CMOS
Imager Readout	Progressive Scan
Resolution	Maximum 1920x1080
Signal to Noise Ratio	55dB
Lens	3-9mm mega pixel lens, IR corrected
Electronic Shutter Range	Auto / Anti-Flicker / 1/160 - 1/10000 (Slow shutter x2 - x64) Electronic Rolling Shutter (ERS)
Wide Dynamic Range	True WDR -120 dB
Sensitivity (F1.2, 50IRE)	Day Mode (Colour): 0.9Lux, Night Mode (B/W): 0.2Lux
CONNECTORS	
Ethernet Connector	RJ-45 - 10/100Base-Tx
Power Input	DC12V or AC24V
Alarm Input	Terminal block for one Alarm input
Alarm Output	Terminal block for one Alarm output
Audio Input / Output	3.5mm Microphone and 3.5mm Speaker out
Local recording	SD Card slot (Max 32GB, class 6 or above, card not included)
POWER CONSUMPTION	
Power consumption	PoE (IEEE802.3af Compliant, Class 0) +4.7W
VIDEO	
Compression	H.264 High / Main / Baseline profile MPEG4 and MJPEG
Streams	3 simultaneous full HD streams Stream 1: H.264 or MPEG Stream 2: MJPEG Stream 3: H.264 or MPEG4
Frame rates	25fps@1920x1080p, 25fps@1280x1024p, 25fps@1280x960p, 25fps@1152x864p, 25fps@1280x720p,
Protocols	TCP/IP, UDP/IP (Unicast, Multicast), UPnP, DNS, DHCP, RTP, RTSP, NTP, IPv4, HTTP, HTTPS, SSL, SMTP, FTP
Users	Unicast - Up to 10 simultaneously Multicast - Unlimited users H.264
Security Access	Multilevel Access, Data Encryption, Password protection, IP filtering
Features	WDR, 3D-DNR, DIS, Privacy Mask, Digital PTZ, VMD, Image Effect, Multiple Streaming, AE, AWB, Snapshot, Manual Trigger, Audio Mute, Audio Alert, Record and Playback, Software Reset, Remote
Intelligent video Analysis	Video motion detection
AUDIO	
Audio compression	G.711 PCM 8 kHz (←-law or A-law)
Audio Streaming	Full Duplex
Audio Input / Output	External Mic in, External Speaker out
INTEGRATION	
Alarm Triggers	External Alarm input signals, VMD
Alarm Events	JPEG file upload via FTP / Notification via Email / External device activation
System Integration	Supported Open API / ONVIF compatible
ENVIRONMENTAL	
Housing	Die-cast aluminium, vandal resistant, IP66, Built to IK10
Operational Temperature	-10°C ~ +50°C standard (-40°C with optional heater)
Storage Temperature	-20°C ~ +60°C
Storage Humidity	0 % ~ 96 %
PHYSICAL	
Dimension (HxW)	120 mm x 154 mm
Shipping Dimension (HxWxD)	190 mm x 190 mm x 195 mm
Weight	1000 g
Shipping Weight	1300 g
Accessories included	Installation CD, Installation template
Certification	CE RoHS2: 2011/65/EU

Models In This Range

0750070
VK2-1080XVRD3V9e
Full HD day/night IP vandal dome
H.264, PoE

0498930
VRD-EWMB
Wall mount bracket

0457230
VDM-ECMA
Corner mount adaptor for wall bracket

0498940
VRD-EPMB
Pendant mount adaptor

0690220
VRD-TMJB
Tower mount swan neck




No liability will be accepted by Vista for any errors or omissions in this information.
Subject to change without notice.

DS - VK2-1080XVRD3V9e - Version 1

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