

VK2-4KXVRDIR36V11M

ULTRA HI DEF H265 TWDR QUAD STREAMING
VANDAL RESISTANT DOME



VK2



ONVIF

STARVIS

KEY FEATURES

4K (8MP) Ultra high definition resolution

Produced incredibly detailed evidential images

H265 video format

Greatly reduces the bandwidth and storage requirements of the recording solution

True WDR (120dB)

The cameras Wide Dynamic Range function allows it to produce detailed images even in scenes of high contrast

Motorised Lens

Allows the installation engineer to remotely adjust the viewing angle of the camera to achieve the optimum image

IP66/IK10 housing

Robust but aesthetically pleasing housing suitable for most applications

Advanced Video Analytics

Including: Intelligent Motion, Intrusion, Tampering, Line crossing, Loitering and Human shape detection.

Hi Stream regions of Interest

Within the cameras field of view, up to 8 areas can be defined as Regions of Interest. The resolution and frame rate within and out-with these areas can be defined. This can greatly reduce the bandwidth and storage required by the camera.

The VK2-4KXVRDIR36V11M 4K (8MP) IP66 vandal domes packs an impressive level of features and functionality into it's robust but aesthetically designed housing. This dome can deliver up to 4 streams in multiple formats including H264, MJPEG and the latest H265 technology which allows lower band width and storage requirements for the recording solution.

As well as all the normal features such as: True WDR, motorised remote set up lens, IR illumination, Alarms, Audio, Micro SD card edge storage, and PoE. The Static and Dynamic Regions Of Interest (ROI) within the VK2-4KXVRDIR36V11M dome set up, allows the camera to continually analyse the scene, adding more compression to areas of low interest (no motion) while applying lower levels of compression to areas where motion is present. This means that lower bandwidth is required for transmission and less storage is required at the NVR.

The dome includes advanced video analytic features including: Intelligent Motion, Intrusion, Tampering, Line crossing, Loitering and Human detect.

The wide ranging 3.6-11mm motorised lens can be remotely adjusted to give the optimal angle of view, making it simple one person installation.

The VK2-4KXVRDIR36V11M dome is designed to fit with a range of different bracket solutions, including the DJBW external junction box and VCW-EWMB wall bracket, making it a versatile solution for the installer.

The VK2-4KXVRDIR36V11M is ideal for use on the Vista VIPER range on NVRs. ONVIF compliance ensures it can be used on multiple manufactures recording platforms.

TECHNICAL SPECIFICATION

Model	VK2-4KXVRDIR36V11M
IMAGE	
Lens	3.6-11mm Motorized Lens - Smart Focus and manual control
Angle of View	87°(H) - 38°(H)
Image sensor	1/2.5" Sony Starvis CMOS Sensor.
Min. Illumination	Colour: 0.03Lux@F1.5 / BW: 0Lux (IR LED On)
Scanning Mode	Progressive Scan
Noise Reduction	2DNR, 3DNR
Wide Dynamic Range	True WDR (120dB)
Day and Night Mode	True D/N (Auto, Day, Night)
Digital Zoom	Yes
Exposure Control	Auto
White Balance Control	Auto, Manual
Metering Mode	Spot (BLC), Center, Average, Left, Right, Bottom
Image effect	Flip, Mirror, Defog
Flicker Free Mode	50Hz, 60Hz
Shutter Speed	Auto (1/10,000-1sec), Manual
IR Illuminator	28 IR LEDs up to 30m @80° horizontal
VIDEO/AUDIO	
Compression	H.265 (Main Profile)/H.264 (Baseline, Main, High Profile), MJPEG
Bitrate Control	CBR, CVBR
Resolution	3840x2160, 3072x2048, 2592x1944/1520, 2560x1440, 1920x1080, 1440x1080, 1280x1024/720, 1024x768, 800x600/480, D1, 640x480, CIF
Frame Rate	Max. 25/30fps
Streaming	Quad Stream: H.264/H.265x3, MJPEGx1
Composite Out	Yes (requires VK2-X-CVBS-LEAD)
Audio Compression	G.711
Audio Streaming	2 Way
SYSTEM	
Video Contents Analysis	Tampering, iVMD, Intrusion Detector, Line crossing, Loitering, Human Detect
Motion Detection Area	16 Programmable Area (Include Area 8, Exclude Area 8)
Privacy Mask Zone	4 Programmable Zone
Smart Codec	Hi-Stream
FTP Uploading	MJPEG
Event Notification	E-mail, FTP, Notification Server, XML Notification, Audio Alert
Audio Alert	3 User defined audio files
Login Authority	Administrator, Operator, Guest
Manual Trigger	4 Programmable Trigger
Event Buffering FTP	FTP: Pre - 30 sec, Post - 30 sec SD Card: Pre - 10 sec, Post 60 sec
Security	Multi User Authority, IP Filtering, HTTPS, SSL
Software Reset	Restart, Reset, Factory Default
Hardware Factory Reset	Yes
Network Time Sync	NTP Server, Synchronized Computer, Manual
Remote Upgrade	Web Browsing (IE, Chrome, Safari, Firefox), SmartManager
SD Recording Mode	Event, Continuous
NETWORK	
Protocol	TCP/IP, UDP, IPv4/v6, HTTP, HTTPS, QoS, FTP, UPnP, RTP, RTSP, RTCP, DHCP, ARP, Zeroconf, Bonjour
Client Software	Viper-Central, Viper-Remote, Web and SmartManager
Max. User Connection	Live: 10 Users, Playback: 3 Users
API Support	Open API, Onvif Compliant
Mobile Support	Android, iOS
EXTERNAL IN/OUT	
Composite output	3 pin connector (requires VK2-X-CVBS-LEAD)
Audio	1 Input, 1 Output (Terminal Block)
Alarm	1 Input, 1 Output (Terminal Block)
Ethernet	RJ-45 (10/100/1000Base-T)
u-SD Card	SDHC, SDXC
ENVIRONMENTAL	
Operating Humidity	0 - 90% RH (Non-Condensing)
Operating Temperature	minus 20°C ~ plus 50°C
Power Supply	PoE (IEEE802.3af Compliance, Class0)/12VDC
Power Consumption	200mA(9.6W)@PoE / 690mA(8.3W)@12VDC
Dimension	144(Ø)x98(H)mm
Weight	Net Weight Approx. 860g
Ingress Protection	IP66
Protection	IK10
Compliance	CE RoHS2: EN50581:2012

MODELS IN THIS RANGE

0494710
VK2-4KXVRDIR36V11M

ASSOCIATED PRODUCTS

0811180
DJBW
Ext/int dome junction box (White)

0815480
VCW-EWMB
Ext wall mount (White)




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DS - VK2-4KXVRDIR36V11M - Version 1

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