VK2-HDX20-SMW

DISCRETE 20:1 H265/H264 PTZ VANDAL DOME WITH 4 ALARM INPUTS

VK2

THIS PRODUCT QUALIFIES FOR

vista 3 YEAR ADVANCE REPLACEMENT

ONVIF

STARVIS

The VK2-HDX20-SMW is a discreet PTZ vandal resistant dome offering 20:1 optical zoom, full HD 1080p/60ips resolution. In addition the camera can offer 4 individually configurable video streams in either H265, H264 or MJPEG formats.
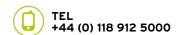
The domes uses the Sony STARVIS CMOS sensor for exceptional low light performance, when combined with the True WDR functionality it provides exceptional quality images both day and night.

Additional features include True WDR (120dB), 4 Alarm inputs, 2 way audio and the ability to record directly to a Micro SD memory card. The robust, small and aesthetically designed housing makes the camera ideal for multiple applications.

The camera is ONVIF compliant and fully compatible with Vista's range of NVRs and VIPER Central control software, as well as many 3rd party manufacturers NVRs and VMS software.

KEY FEATURES

Full HD Recording
The dome delivers Full HD resolution images at up to 60 images per second

IK10 small housing
Ideal for multiple applications

H265 / H264 Quad streaming
The Dome can stream 4 individually configured video streams in various formats

4 Alarm inputs
Allows for increased system automation

True WDR (120dB)
Allows detail to be seen even in scenes of high contrast

TECHNICAL SPECIFICATION

Model	VK2-HD20-SMW
IMAGE	
Lens	Optical Zoom 20X, 4.7mm ~ 94mm
Angle of View	55.5º ~ 3º (H)
Image Sensor	1/2.8'' Sony STARVIS CMOS sensor
Min. Illumination	Colour: 0.2 Lux @ 50IRE | BW: 0.01Lux @ 50IRE
Scanning Mode	Progressive Scan
Wide Dynamic Range	True WDR
Day and Night Mode	True D/N (Auto, Day, Night)
Noise Reduction	2DNR, 3DNR
Digital Zoom	Yes 16X
Exposure Control	Auto, Iris Priority
White Balance Control	Auto, Manual
Metering Mode	Spot, Center, Average
Image Effect	Flip, Defog
Flicker Free Mode	50Hz, 60Hz
Shutter Speed	Auto (1/30,000 ~ 1sec)
VIDEO/AUDIO	
Compression	H.264(Baseline, Main, High Profile), H.265(Main Profile), MJPEG
Bitrate Control	CBR, CVBR
Resolution	1920x1080, 1440x1080, 1280x1024/720, 1024x768 | 800x600/480, D1, 640x480, 400x240, CIF
Frame Rate	Max. 25fps/30fps
Streaming	Quad Stream (H.264/H.265 x 3, MJPEG x 1)
Audio Compression	G.711
Audio Streaming	2 Way
PTZ FUNCTION	
Pan Range	360˚ Endless
Pan Speed	Max. 380˚/sec (Preset)
Tilt Range	-5˚ ~ 90˚
Tilt Speed	Max. 380˚/sec (Preset)
Preset	256
Tour	8
Pattern	8
Home Function	Yes
SYSTEM	
Video Contents Analysis	Tempering, iVMD, Intrusion detector
Motion Detection Area	16 Programmable Areas (Include Area 8, Exclude Area 8)
Privacy Mask Zone	16 Programmable Zones
Hi-Stream (Smart Codec)	8 Regions, Quality setup, Non-ROI fps setup
FTP Uploading	MJPEG
Event Notification	E-mail, FTP, XML Notification, Audio Alert, Notification Server
Audio Alert	User-Defined 3 Audio files
Login Authority	Administrator, Operator, Guest
Event Buffering — FTP	Pre : 30sec, Post : 30sec
Event Buffering — SD Record	Pre : 10sec, Post : 60sec
Manual Trigger	4 Programmable Triggers
Security	Multi User Authority, IP Filtering, HTTPS, SSL
Network Time Sync	NTP Server, Synchronized Computer, Manual
SD Recording Mode	Event, Continuous
NETWORK	
Protocols	TCP/IP, UDP, IPv4/v6, HTTP, HTTPS, QoS, FTP, UPnP, RTP, RTSP, RTCP, DHCP, ARP, Zeroconf, Bonjour
Client Software	Web, SmartManager, Viper Central, Viper Remote
Max. User Connection	Live: 10 Users, Playback: 3 Users
API Support	Open API, ONVIF Compliance
Mobile Support	Android, i-OS
EXTERNAL IN/OUT	
Audio	1 Input, 1 Output (Terminal Block)
Alarm	4 Inputs, 1 Output (Terminal Block)
Ethernet	RJ-45 (10/100Base-T)
u-SD Card	SDHC/SDXC
ENVIRONMENTAL	
Operating Humidity	0 ~ 90% RH (Non-condensing)
Operating Temperature	-10ºC ~ +50ºC
Power Supply	PoE(IEEE802.3af Compliance, Class0), 12VDC, 24VAC
Power Consumption	250mA(12W)@PoE | 1A(12W)@12VDC, 24VAC
Dimensions	154(Ø)x150(H)mm
Net Weight	Approx. 1.6kg
Ingress Protection	IP66 (IK10)

CE

DS - VK2-HDX20-SMW - Version 1

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MODELS IN THIS RANGE

0498870
VK2-HDX20-SMW

ASSOCIATED PRODUCTS

0811180
DJBW
Solid Ceiling box

0815480
VCW-EWMB
Stand alone Wall bracket

0366950
VDM-WMVRD
Wall mount bracket requires back box

0366930
VDM-WMJB
Back box for wall mount

0457230
VDM-ECMA
Corner mount bracket for back box

0812220
VRD-TMJB(W)
Swan neck tower mount

POE SWITCHES

0199470
QSW16M
16 port PoE managed switch

0766120
QSW4
4 port PoE switch

0766130
QSW8
8 port PoE

vista
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