

VK2-HDX20-SMW

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



VK2



ONVIF

STARVIS

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

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.

TECHNICAL SPECIFICATION

| Model | VK2-HD20-SMW |
|-------------------------|--|
| IMAGE | |
| Lens | Optical Zoom 20X, 4.7mm ~ 94mm |
| Angle of View | 55.5° ~ 3° (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 |
| | SD Record |
| Manual Trigger | Pre : 30sec, Post : 30sec |
| Security | Pre : 10sec, Post : 60sec |
| Network Time Sync | 4 Programmable Triggers |
| SD Recording Mode | Multi User Authority, IP Filtering, HTTPS, SSL |
| | NTP Server, Synchronized Computer, Manual |
| | 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 | -10°C ~ +50°C |
| 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) |

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

0811220
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




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DS - VK2-HDX20-SMW - Version 2

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