

DATASHEET

VK2-HD30-PM

30:1 VANDAL RESISTANT PTZ DOME WITH
4 ALARM INPUTS



The VK2-HD30-PM is a pendant mount, vandal resistant PTZ dome offering 30:1 optical zoom and full HD 1080p/60ips resolution and triple streaming functionality, ideal for applications requiring evidential purpose images. The externally rated IP66 and the BS EN 62262: 2002 vandal resistant housing is robust enough to survive most environments.

The dome comes as standard with a Sony STARVIS CMOS sensor for exceptional low light performance and features such as true WDR (120dB), 4 Alarm inputs, 2 way audio and the ability to record directly to an Micro. SD memory card.

Supplied with a quick fit, quarter turn bayonet adaptor, this fits into any standard 1.5" NPT threaded bracket - making installation quick, easy and avoids excessive twisting on cabling.

The camera is ONVIF compliant and fully compatible with Vista's software and hardware recording and control solutions as well as other 3rd party manufacturers' VMS systems.

Using Sony STARVIS low light back illumination technology.

STARVIS

Key Features:

Full HD recording

The high clarity bubble and full HD 1920x1080 resolution ensures excellent images at up to 60ips

Triple streaming

Allows different streams to be configured for different uses, with Event Boost technology available across all streams

Vandal resistant IP66 housing

The IK10 housing has been tested to BS EN 62262: 2002 standards, means it is robust enough to survive in most environments

4 Alarm inputs

Allows for increased system automation

Wide Dynamic Range (WDR)

120dB of WDR improves image quality in challenging lighting situations

TECHNICAL SPECIFICATION

Model	VK2-HD30-PM
IMAGE	
Image Sensor	1/2.8" Sony STARVIS CMOS
Zoom lens	4.3 - 129mm 30x A/F Optical Zoom, 16x Digital Zoom (F1.6 - 4.7)
Scanning Mode	Progressive Scan
Min. Illumination	Colour: 0.35Lux, B/W: 0.013Lux (F1.8, 50IRE)
AE	Yes
White Balance	Yes
DNR	3DNR
Day/Night operation	True Day/Night with removable IR cut filter
WDR	120dB
Digital Image Stabilisation	Yes
BLC	Yes
Remote-Focus	Auto-Focus
VIDEO	
Progressive Encoding	Yes
Compression	H.264 (BP/MP/HP), MJPEG
Resolution Supported	1080p, 720p, D1, Half-D1, VGA, QVGA, CIF
Max. Frame Rate	1080p@60ips (Dual Stream), 1080p@30ips (Triple Stream), 720p@30ips
Multiple Streaming	Triple Stream (2x H.264 and 1x MJPEG)
INTERFACING	
Audio In/Out	1 in / 1 out (G.711)
Alarm In/Out	4 in, 1 out
Ethernet	10/100Mbps
FEATURES	
Motion Detection	Yes
Event Buffering	Yes (Pre & Post)
Privacy Masking	16 zones
Video Analytics	Tampering, Defog, Object Detection, Line Detector, Field Detector
PrVA (Pre-recorded Voice Alert)	Yes (3 pre recorded files)
Cross Web Browser	Yes
FTP Image Upload	Yes
ONVIF Certificate	Yes
Network Time Sync	Yes
Zero Configuration	Yes
Security Password Protection	IP Filtering, HTTPS, SSL
NETWORK	
Protocols	IPv4/IPv6, Manual, TCP/IP, UDP, HTTP, RTP, RTSP, NTP,DHCP, SMTP, DDNS, HTTPS, RTCP, FTP, SNMP, Bonjour
Max. Connections	10
NAS Support	Yes
JPEG push	Yes
DDNS	Yes
Remote Viewer	Web Client, VK2-Client, Mobile Viewer (iOS, Android)
PTZ FUNCTIONS	
Pan Range	360° continuous
Pan Speed	380°/sec
Max Preset speed	380°/sec
Tilt Range	0° ~ 90°
Tilt Speed Max	300°, Preset: 380°/sec
No. of Presets	256
MISCELLANEOUS	
Environmental	IP66 and IK10 (BS EN 62262:2002)
Power	AC24V, DC12V, PoE 802.3af Class 3 (12W max.)
Power Consumption	1.1A (13.2W) @ 12VDC, 24VAC (heater and fan requires 2.2A (50W) @ 24VAC)
Operating Temperature	-10° to +50°C (-50° to +50°C with heater and fan connected)
Humidity	0~90% RH
External Dimension	234(D) x 301(H) mm
Gross dimensions	420(H) x 340(W) x 340(D) mm
Weight	3.3 Kg
Gross weight	4.4 Kg
Certification	CE RoHS2: 2011/65/EU

Models In This Range

0771390
VK2-HD30-PM

Associated Products

0498960
VPL-EWMBe
Wall Bracket

0457230
VDM-ECMA
Corner mount adaptor for wall bracket

0457240
VDM-EPMAg
Side pole adaptor for wall mount bracket

0470440
VPP-TM
Tower mount

0690320
VDM-TMJB
Tower mount with junction box




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DS - VK2-HD30-PM - Version 1

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