

DATASHEET

VK2-4KX30IR-PM

ULTRA HI DEF LOW LIGHT H265 TWDR QUAD STREAMING 30:1 PTZ DOME



The VK2-4KX30IR-PM 4K (8MP) IP PTZ dome packs an impressive level of features and functionality into it's robust but aesthetically designed housing. The 1/1.7" Sony Starvis CMOS chip set allows the dome to produce extremely high quality images even in very poorly illuminated scenes.

The combination of the long range 30:1 zoom lens, 8MP resolution and Zoom tracking 300m IR illumination means that the dome produces stunning ultra hi definition images, making it ideal for hi-end applications such as perimeter protection, town centres and car parking.

The dome can deliver 4 independent video streams of 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, Alarms, Audio, Micro SD card edge storage, and PoE. The Static and Dynamic regions of Interest (ROI) within the VK2-4KX30IR-PM 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 video analytic features including: Intelligent Motion, Intrusion, Tampering, Line crossing, Loitering and Human shape detection. The VK2-4KX30IR-PM is designed to fit on a large range of brackets, and is supplied with a quick fit adaptor to allow simple installation onto standard 1.5" NPT thread brackets.

The VK2-4KX30IR-PM is ideal for use on the Vista VIPER range on NVRs. ONVIF compliance ensures it can be used on multiple manufactures recording platforms.









KEY FEATURES

4K (8MP) Ultra high definition resolution

Produced incredibly detailed evidential images

1/1.7" Sony Starvis CMOS low light sensor

This large format sensor allows the dome to gather more light from any scene so allowing it to produce quality images in very poorly lit scenes

H265 video format

Greatly reduces the bandwidth and storage requirements of the recording solution

300M Zoom tracking IR illumination

The IR illuminator on the camera is linked to the zoom lens, so narrows the illumination beam when the operator zooms in, so concentrating the available light into the area being viewed

True WDR (120d)

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

Advanced Video Analytics

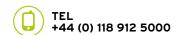
Including: Intelligent Motion, Intrusion, Tampering, Line crossing, Loitering and Human shape detection.

Hi Stream regions of Interest

Within fixed camera preset views, 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.







TECHNICAL SPECIFICATION

VK2-4KX30IR-PM Optical Zoom: 30X, 6~180mm, Angle of View: 55.4°~2.7°(H)
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1/1.7" SONY STARVIS CMOS Sensor
Color: 0.75Lux@50IRE / BW: OLux (IR LED On)
True WDR
True D/N (Auto, Day, Night)
Auto, Manual
Spot(BLC), Center, Average, Left, Right, Bottom
Auto (1/10,000~1sec), Manual
Synchronized IR LED, Fixed IR LED, up to 300m
H.265 (Main Profile)/H.264 (Baseline, Main, High Profile), MJPEG
CBR, CVBR
3840x2160, 3072x2048, 2592x1944/1520, 2560x1440, 1920x1080, 1440x1080, 1280x1024/720, 1024x768, 800x600/480, DI, 640x480, CIF
Max. 25/30fps
Quad Stream: H.264/H.265x3, MJPEGx1
Audio Compression: G.711, Audio Streaming: 2 Way
Pan Range: 360° continuous rotation, Pan Speed: Max 360° / sec (preset)
Tilt Range: minus 10° to 90°, Tilt Speed: Max 380° / sec (preset)
256
8
8
yes
Tampering, iVMD, Intrusion Detector
16 Programmable Area (Include Area 8, Exclude Area 8)
16 Programmable Zone
Hi-Stream
E-mail, FTP, Notification Server, XML Notification, Audio Alert
3 User defined audio files
Administrator, Operator, Guest
4 Programmable Trigger
Multi User Authority, IP Filtering, HTTPS, SSL
NTP Server, Synchronized Computer, Manual
Web Browsing (IE, Chrome, Safari, Firefox), SmartManager
Event, Continuous
TCP/IP, UDP, IPv4/v6, HTTP, HTTPS, QoS, FTP, UPnP, RTP,RTSP, RTCP, DHCP, ARP, Zeroconf, Bonjour
Viper-Central, Viper-Remote, Web and SmartManager
Live: 10 Users, Playback: 3 Users
Open API, Onvif Compliant
Android, iOS
stay 100
1 Input, 1 Output (RCA Mono jack)
4 Input, 1 Output (Terminal Block)
RJ-45 (10/100 Base-T)
SDHC, SDXC
SUITO, SUITO
0 - 90% RH (Non-Condensing)
minus 30°C to plus 50°C
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PoE (IEEE802.3bt Compliance, Class5) / 12VDC (PoE injector included)
200mA (9.6W) @ PoE / 690mA (8,3W) @ 12VDC
201.8(Ø)x317.8(H)mm
Net Weight Approx. 5.1g
IP66
IK10

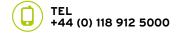


No liability will be accepted by Vista for any errors or omissions in this information. Subject to change without notice.

DS - VK2-4KX30IR-PM - Version 1







MODELS IN THIS RANGE

0494720 VK2-4KX30IR-PM

ASSOCIATED PRODUCTS

0366940

VDM-WMVP

VDM-WMVP Wall bracket (Requires VDM-TMJB)

0366930

VDM-TMJB

Wall junction box

0718920

VDM-ECMAW

corner mount adaptor for junction box

0718930 VDM-EPMAW

Side pole adaptor for junction box

0690320 VDM-TMJB(W)

Tower mount bracket including junction box

0472170 VPP-IPMB250

250mm pendant drop bracket

