VK2-2MPXVFDIR28V12M

H265 TWDR QUAD STREAMING INTERNAL DOME

VK2

THIS PRODUCT QUALIFIES FOR

Vista
3 YEAR
ADVANCE
REPLACEMENT

The VK2-2MPXVFDIR28V12M 2MP internal dome packs an impressive level of features and functionality into its robust but aesthetically designed housing. The dome can deliver up to 4 streams in multiple formats including H264, MJPEG and the latest H265 technology reduces the levels of bandwidth and storage required by the recording solution.

As well as True WDR, motorised remote set up lens, IR illumination, alarms, audio, Micro SD card edge storage and PoE, the camera has a "Hi-Stream" function. This offers static and dynamic Regions of Interest (ROI) within the VK2-2MPXVFDIR28V12M dome set up. This function allows the camera to continually analyse the scene, adding more compression to areas of low interest with no motion whilst applying lower levels of compression to areas where motion is present, as a result showing higher definition in these areas. This means that lower bandwidth is required for transmission and less storage is required on the NVR.

The wide ranging 2.8-12mm motorised lens can be remotely adjusted to give the optimal angle of view, making it a simple one person installation.

The VK2-2MPXVFDIR28V12M dome is designed to fit with a range of different bracket solutions, including the DJBW external junction box and VCW-IWMB wall bracket, making it a versatile solution for the installer.

The VK2-2MPXVFDIR28V12M is ideal for use with the Vista Viper range of NVRs. ONVIF compliance also ensures it can be used on multiple manufacturers' recording platforms.

Key Features:

2MP Resolution
Gives highly detailed recorded 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

Hi-Stream (ROI)
The camera continually adjusts the amount of compression applied to areas of interest, so optimising the system's bandwidth and storage

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

IR illumination
28 IR LEDs give up to 25m illumination

Manually settable max/min shutter speed
This unique function will ensure a much crisper, frozen image of each frame compared to that achieved by general IP cameras. The automatic shutter speed setting on general IP cameras can be very slow to compensate for low light which can lead to blurring

ONVIF

TECHNICAL SPECIFICATION

Model	VK2-2MPXVFDIR28V12M
IMAGE	
Lens	2.8-12mm Motorised Lens - Smart Focus and manual control (F1.6)
Angle of View	97- 31º(H)
Image sensor	1/3″ CMOS Sensor, 1945(H)x1109(V)
Min. Illumination	Colour: 0.1Lux@F1.6 / BW: 0Lux@F1.6 (IR LED On)
Scanning Mode	Progressive Scan
Noise Reduction	2DNR, 3DNR
Wide Dynamic Range	True WDR
Day and Night Mode	True D/N (Auto, Day, Night)
Digital Zoom	Yes
Exposure Control	Auto
White Balance Control	Auto, Incandescent, Fluorescent, Outdoor, Manual
Metering Mode	Spot(BLC), Center, Average, Left, Right
Image effect	Flip, Mirror, Defog
Flicker Free Mode	50Hz, 60Hz
Shutter Speed	Auto (1/10,000~1sec), Manual
IR Illuminator	28 IR LEDs 80º up to 25m
VIDEO/AUDIO	
Compression	H.265/H.264 (Baseline, Main, High Profile), MJPEG
Bitrate Control	CBR, CVBR
Resolution	2592x1520, 2048x1520, 1920x1080, 1280x1024, 1280x720/960, 1024x768, 704x480/576, 640x480, 320x240
Frame Rate	Max. 25/30fps
Streaming	Quad Stream: H.264/H.265x3, MJPEGx1
Composite Out	Yes
Audio Compression	G.711
Audio Streaming	2 Way
SYSTEM	
Video Contents Analysis	Tampering, iVMD, Intrusion Detector
Motion Detection Area	16 Programmable Area (Include Area 8, Exclude Area 8)
Privacy Mask Zone	8 Programmable Zone
FTP Uploading	MJPEG
Event Notification	E-mail, FTP, Notification Server, XML Notification, Audio Alert
Login Authority	Administrator, Operator, Guest
Manual Trigger	4 Programmable Trigger
Event Buffering FTP	FTP: Pre - 30sec, Post - 30sec, 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	
Audio	1 Input, 1 Output (Terminal Block)
Alarm	1 Input, 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	minus 20 to plus 50Ð
Power Supply	PoE(IEEE802.3af Compliance, Class0)/12VDC
Power Consumption	190mA(8.2W)@PoE / 680mA(7.4W)@12VDC
Dimension	130(Ø)x94(H)mm
Weight	Net Weight Approx. 400g

Models In This Range

0308060
VK2-2MPXVFDIR28V12M
H265 TWDR Quad streaming internal dome

Associated Products

0811180
DJBW
Ext/int dome junction box (White)

0825400
VCW-IWMB
Int wall mount (White)

CE

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

DS - VK2-2MPXVFDIR28V12M - Version 1