



VANDAL DOME CAMERA WITH BUILT IN IR ILLUMINATION AND VARIFOCAL LENS

Expanding their popular VK2 range, Vista have introduced a cost effective vandal dome camera which features built in IR illumination and a varifocal lens.

The VK2-1080VRDIR35V16e offers full HD Triple Streaming technology along with Vista's unique Event Boost™ technology. This enables the VK2 IP camera range to automatically increase the number of images per second streamed and recorded when an event occurs. This means a system can record continuously at a low frame rate but, when an event occurs, the camera automatically increases its frame rate and resolution to a user definable level.

In addition, the IR illumination guarantees images 24/7 at ranges of up to 20m whilst the 3.5 to 16mm varifocal lens allows for wide angle scene coverage. All cameras are supplied with VK2-Client software and SmartManager tool for simple configuration.

The camera integrates with the complete range of VK2 control and recording packages, as well as many third party VMS solutions. In addition, it complies with ONVIF video over IP specifications, ensuring that any software front end that is also designed to the ONVIF specification will also be able to view the video.

VK2



Key Features:

Full HD recording

1080p resolution offers superbly detailed images for recorded evidence

Triple streaming

Individual streams can be configured to optimise recording, local and remote viewing

Event Boost™ Technology

Optimises bandwidth and storage use

IR illumination

Guarantees images 24/7 at ranges of up to 20m

PoE operation

Only one cable required for the majority of installations



FLEXIBILITY BY DESIGN™

MODELS IN THIS RANGE

0696630 VK2-1080VRDIR35V16e

TECHNICAL SPECIFICATION

Model	VK2-1080VRDIR35V16e
IMAGE	
Image Sensor	1/2.8" CMOS
Effective Pixel	1920 x 1080
Lens	3.5-16mm varifocal megapixel F1.2
Scanning Mode	Progressive Scan
Min. Illumination	Colour 1.0Lux, B/W 0.0Lux IR on
AE/AWB	Yes
DNR	2DNR
Day/Night operation	True Day/Night
BLC	Yes
IR Illumination	36 LEDs up to 20m range
VIDEO	
Progressive Encoding	Yes
Compression	H.264=MPEG4 part:10/BP/MP/HP, MPEG4(SP) & MJPEG
Resolution Supported	Full HD, SXGA, HD, DI, VGA, CIF, QVGA
Frame Rate	30ips @ all resolutions (shared across 3 streams)
Multiple Streaming	Triple Stream (2x H.264 and 1x MJPEG)
Ethernet	10/100Mbps
ADDITIONAL FEATURES	
Motion Detection	Yes (8 zones)
Event Buffering (Pre & Post)	Yes
Local recording	Micro SD card (not supplied max 32Gb class 6 or above)
Privacy Masking	Yes (8 zones)
Cross Web Browser	IE, Safari, Firefox, Google Chrome
FTP Image Upload	Yes
ONVIF Certificate	Yes
SYSTEM	
Network Time Sync	Yes
Zero configuration	Yes
Security	Password Protection, IP Filtering, HTTPS, SSL
NETWORK	
Max. Connections	10
Protocols	IPv4, IPv6, Manual, TCP/IP, UDP, HTTP, RTP, RTSP, NTP, DHCP, SMTP, DDN-SHHTTPS, RTCP, FTP, Zeroconfig, Bonjour
NAS Support	Yes
JPEG push	Yes
DDNS	Yes
Remote Client	Web, SmartManager, VK2-Client, VK2-Remote
MISCELLANEOUS	
PoE	48VDC 0.125mA 6Watts. (PoE 802.3af Class 0)
External Power	12VDC 500mA (optional external adaptor)
Power Consumption	Approx 240mA 12VDC (running current) Max. 4W
Operating Temperature	-10° ~ + 45°C
Humidity	0~90% RH
External dimensions	146(Dia) x 106(H)mm
Weight	TBA
IP rating	IP66
Approvals	CE RoHS2: 2011/65/EU




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version 1