

DATASHEET

VK2-1080XVFD3V9e-WCB IP FULL HD WDR INTERNAL DOME CAMERA

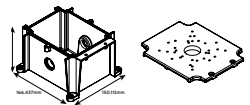
SMALL SIZE - BIG PERFORMANCE



VK2



Compatible with UMBB Universal IP66 Mounting Box and UMFP2 Plate 1.



The Vista VK2-1080XVFD3V9e Full HD 1080p IP dome camera boasts true Day/Night operation, 120dB WDR 3-axis positioning, and an expansive feature-set in a high-performance, economical package.

Features include triple streaming in H.264, MPEG4 or MJPEG video compression technology, at a maximum full HD image quality resolution (1920x1080) at up to 60 images per second (IPS) frame rate.

The VK2-1080XVFD3V9e is also equipped with PoE (Power-over-Ethernet), negating the need for local power, saving time and money on installations across all applications.

Complete with alarm and audio input/output functionality, the Vista VK2-1080XVFD3V9e is simple to set-up and integrates into third party systems and can also provide 'edge' recording via an onboard Micro SD card slot, for local archiving of images, reacting to physical alarm inputs or motion detection events.

The on-board service sockets allows local focusing of the camera using a standard composite service monitor.

As with the rest of the VK2 range, the Vista VK2-1080XVFD3V9e is also compatible with QNVR, as well as other industry recognized platforms.

Compliance to the ONVIF standard simplifies the integration of the VK2-1080XVFD3V9e into third party software packages that also conform to ONVIF.

Key Features:

Full HD 1080P resolution

Delivers outstanding picture quality

Triple Streaming

The camera can produce 3 independent video streams, that can be configured to deliver up to full HD resolution

WDR

True 120dB WDR allows the camera to produce a detailed image, even in high contrast scenes

Event Boost function

The unique Event Boost functions, which allows the camera to stream low frame rate until an event occurs, at which point the streams frame rate can be increased to up to 30 images per second. This saves on both bandwidth and storage space

ONVIF Certification

The VK2-1080VFD3V9F is tested and certified to the latest version of ONVIF which simplifies the integration of the camera into third party Software and hardware platforms

TECHNICAL SPECIFICATION

Model	VK2-1080XVFD3V9e-WCB
Housing type	White base, clear bubble, Black liner
Image sensor	1/2.8" Progressive scan RGB CMOS
Active Array	1920(H) x 1080(V)
Lens	Varifocal 3.0mm - 9.0mm, Mega Pixel IR corrected F1.2, DC IRIS
Angle of View	3.0mm - 93°(H) / 9.0mm - 31.7°(H)
Camera Angle Adjustment	Pan: 360° Tilt: 180° Rotation: 360°
Min. illumination (True Day/Night)	Colour: 0.9Lux, B/W: 0.2Lux (F1.2, 50IRE)
Scanning Mode	Progressive Scan
WDR	120dB
AE/AWB	Yes
DNR	2DNR
BLC	Yes
Day / Night	True Day/Night removable IR cut filter
Ethernet	RJ-45 10BASE-T/100BASE-TX
Video Compression	H.264(BP/MP/HP), MPEG4(SP), MJPEG
Video Resolutions	1080p, 1280x1024, 720p, D1, Half-D1, VGA, QVGA, CIF
Frame Rate	Up to 60ips
Video Streaming	Triple simultaneously H.264 (or MPEG-4) and MJPEG Controllable Frame Rate and Bandwidth VBR/CBR H.264 and MPEG-4
Protocol	IPv4/IPv6, Manual, TCP/IP,UDP,HTTP,RTP, RTSP, NTP,DHCP,SMTP,DDNS,HTTPS,RTCP,FTP,Bonjour
Security	Password Protection, IP Filtering, HTTPS, SSL
Max. Connection	10
API Programming Interface	API Supported, Open Platform Compatible: ONVIF
Alarm Triggers	Motion Detection, External Input, Manual Trigger
Alarm Events	File upload via FTP and HTTP Notification via E-mail, HTTP and TCP External Output activation
Video Event Buffering	Pre and Post Alarm
Motion Detection	Yes, max. 16 programmable include / exclude zones
Privacy masks	Yes max 8
FTP Image upload	Yes
JPEG Push	Yes
NAS Support	Yes
Network Time Synchronization	Yes
DDNS support	Yes
Micro SD Recording	Yes, Continuous/Schedule/Event (32Gb Class 6 or above)
Software Reset	Yes
Factory Reset	Yes, Button/Web browser
Auto Recovery	Yes
Installation Tool	Yes, SmartManager
Upgrade	Yes, Web browser/SmartManager
Alarm Input	Terminal, 1 TTL input
Alarm Output	Terminal, 1 open collector
Operating Temperature	-10°C - + 45°C
Operation Humidity	0-90% (non-condensing)
Power Consumption	12VDC/PoE 290mA (4.7W) Power over Ethernet IEEE 802.3af Class 0
External Dimension (Φ x V)	118.4 (Φ)x 105(H)mm
Shipping Dimensions	160(H) x 160(W) x 120(D)mm
Unit Weight	325g
Shipping weight	465g
Approval	CE RoHS2: 2011/65/EU

Models In This Range

0750110
VK2-1080VFD3V9e-WCB
 Full HD IP Dome Camera, H.264 PoE
 Micro SD card slot, Black base, Clear
 bubble, Black liner

Associated Products

0747590

UMBB
 Back box

0747600

UMFP1
 Front plate 1

0747630

UMBB-CMA
 Cover mount adaptors




No liability will be accepted by Vista for any errors or omissions in this information.
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DS - VK2-1080XVFD3V9e - Version 1

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