VK2-1080XBIR28V11F
TRUE DAY/NIGHT 1080P IP
WDR BULLET WITH IR LEDS

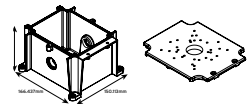## HIGHLY FEATURED FULL HD BULLET

VK2

THIS PRODUCT QUALIFIES FOR
vista 3 YEAR ADVANCE REPLACEMENT

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

The VK2-1080XBIR28V11F is a highly featured true day/night full HD (1920x1080) IP Bullet with IR LEDs and remote lens set up, featuring a technology set normally associated with more expensive products.

Features include: Full HD resolution recording for high quality image recording; True 120dB WDR giving detailed images in high contrast scenes; and IR illumination for night time performance.

The VK2-1080XBIR28V11F also features PoE (Power over Ethernet), negating the need for local power, saving time and money on installations across many applications.

Complete with alarm and audio input/output functionality, the VK2-1080XBIR28V11F is simple to set-up and integrates with third party systems thanks to ONVIF compliance. The unit can deliver 3 full HD video streams in H.264, MJPEG or MPEG4 at up to 60 images per second.

On-board Micro SD card slot provides the option of local recording, giving the option to record images in high resolution at the camera location triggered via on board VMD or external alarm inputs, with playback via its own free of charge viewing software.

By using the VK2-LCT Local Commissioning Tool, the cameras IP address, title and Lens settings can be simply and quickly set on a standard analogue engineers monitor.

As with the rest of the Vista range, the VK2-1080XBIR28V11F is compatible with video management solutions, QNVR and other 3rd party ONVIF compliant recording and control systems.

To learn more about this product range please visit **vista-cctv.com**

Key Features:

Triple streaming full HD (1920x1080) resolution
3 independent full HD 1080p video streams at up to 60 images per second

120dB true WDR
Gives detailed scenes content in all areas of areas with high contrast

Remote Lens set up
This allows the angle of view and focus to be adjusted from a remote PC

IR LEDs
Illuminates a distance of up to 15m and ensures usable images 24/7. The lens automatically re-focuses when the the camera switches from day to night mode, this compensates for any focus shift

PoE equipped
Using the latest PoE technology, cameras can be powered via the network cable without the need for local PSUs – greatly simplifying any installation

Alarm and Audio input/output functions
Allows integration into remote viewing and alarm activated systems

On-board SD card
Images can be recorded locally (edge recording) via an on-board Micro SD card slot, triggered via on board VMD or external triggers (SD card not included)

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ONVIF

TECHNICAL SPECIFICATION

Model	VK2-1080XBIR28V11F
GENERAL	
Imaging Device	1/2.8 Inch (16:9)
Imager Type	CMOS
Imager Readout	Progressive Scan
Resolution	Maximum 1920x1080
Signal to Noise Ratio	55dB
Lens	Motorised 2.8-11mm mega pixel lens, IR corrected. Auto focus on Day/Night switch
Electronic Shutter Range	Auto / Anti-Flicker / 1/160 - 1/10000 (Slow shutter x2 - x64) Electronic Rolling Shutter (ERS) True Day / Night Removable IR-cut Filter
Wide Dynamic Range	120dB
IR LEDs	32 LED range up to 15M
Sensitivity (F1.2, 50IRE)	Day Mode (Colour): 0.6lux @ F1.4, 50IRE, Night Mode (B/W): 0 lux (IR LEDs on)
CONNECTORS	
Ethernet Connector	RJ-45 for 100Base-Tx
Local Commissioning port	Composite analogue video output ~ (for local engineer set up only). Allows the camera to be zoomed and focused, plus the IP address and title can be set, using an analogue engineers set up monitor, requires VK2-LCT
Power Input	DC12V
Local recording	Micro SD Card slot (Card not included, max size 32Gb)
POWER CONSUMPTION	
PoE	IEEE 802.3cef Class 0 - 9.5W (note: external heater does not operate with PoE)
DC12V	29.5W max with heater on
VIDEO	
Compression	H.264 High / Main / Baseline profile MPEG4 and MJPEG
Resolutions	1920x1080, 1280x720, 960x1024, 1024x768, 704x480/576, 640x360
Frame rate	Max 50/60fps @ full HD (PAL/NTSC)
Streaming	50/60fps (dual stream), 25/30fps (triple stream)
Protocols	TCP/IP, UDP/IP (Unicast, Multicast), UPnP, DNS, DHCP, RTP, RTSP, NTP, IPv4, HTTP, HTTPS,
Users	Unicast - Up to 10 simultaneously Multicast - Unlimited users H.264
Security Access	Multilevel Access, Data Encryption, Password protection, IP filtering
Features	3D-DNR, DIS, Privacy Mask, Easy Focus, Digital PTZ, VMD, Image Effect, Multiple
Intelligent Video Analysis	Filed Detector, Line Detector, Face Detection, Tampering, DIS, Defog
INTEGRATION	
Alarm Events	JPEG file upload via FTP Notification via Email
System Integration	Supported Open API / ONVIF compatible
ENVIRONMENTAL	
Housing	Die-cast aluminium, IP66 (Casing built to IK10) polycarbonate front window
Operational Temperature	Without heater: -10ºC to +50ºC With heater: -30ºC to +50ºC (Requires 12VDc power not PoE)
Storage Temperature	-20ºC ~ +60ºC
Storage Humidity	0 % ~ 96 %
PHYSICAL	
Dimension (L x H X D)	290.4 x 177.5 x 98.4mm
Shipping Dimension (HxWxD)	250 x 230 x 140mm
Weight	1100 g
Shipping Weight	1600 g
Accessories included	Installation CD, Installation template

Models In This Range

0750090
VK2-1080XBIR28V11F
Full HD IR Bullet camera H.264

0498270
VK2-LCT
Local Commissioning Tool

Associated Products

0747590
UMBB
Back box

0747600
UMFP1
Front plate 1

0747630
UMBB-CMA
Cover mount adaptors

CE

DS - VK2-1080XBIR28V11F - Version 1

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