

# VK2-1080BXDN<sub>e</sub> TRUE DAY/NIGHT 1080P IP CAMERA



## FULL HD (1920X1080) TRIPLE STREAMING AT FULL RESOLUTION

As part of the VIP2 range, the VK2-1080BXDN<sub>e</sub> is a true day/night full HD (1920x1080) IP box camera featuring a technology set normally associated with more expensive products.

Features include (1920x1080) resolution that provides highly detailed real time images, which allow the ability to zoom into any part of the screen that is of particular interest to the viewer. This is available while viewing the live image or reviewing recorded footage from an internal SD card (not supplied).

H.264 video compression technology means images can be delivered for live or recorded viewing, with minimal network impact, whilst preserving maximum image quality.

The VK2-1080BXDN<sub>e</sub> also features PoE (Power over Ethernet), negating the need for local power, saving time and money on installations across all applications.

Complete with alarm input/output functionality, the VK2-1080BXDN<sub>e</sub> is simple to set-up and integrate into third party systems, thanks to ONVIF compliance. The camera can deliver up to 3 simultaneous streams of either H.264, MPEG4 and MJPEG formats up to 25 images per second (IPS).

The inclusion of a SD memory cards allows the additional advantage of local recording of events triggered manually, by motion or external alarm inputs.

As with the rest of the Vista range, the VK2-1080BXDN<sub>e</sub> is supplied with its own free of charge viewing software and is compatible with the powerful enterprise-class video management solution Graphica<sup>2</sup>, to offer seamless integration of analogue and digital technologies.

To learn more about this product range please visit us at [vista-cctv.com](http://vista-cctv.com)

**VIP2**



### Key Features:

#### Full HD (1920x1080) resolution

Full HD resolution allows the ability to view extremely high quality images both live and recorded. Areas of interest within an image can be zoomed into, with very little loss of detail

#### ONVIF compliant

ONVIF compliance assures seamless integration to third party devices

#### PoE equipped

Using the latest PoE technology, cameras can be powered via the network without the need for local fused spurs to be installed - greatly simplifying any installation

#### Recording flexibility

Recording can be controlled manually or triggered via alarm input, with images streamed in either H.264, MPEG4 or MJPEG formats up to 25 images per second (IPS)

#### Dual standard

Providing both analogue and IP video outputs the VK2-1080BXDN<sub>e</sub> can connect to both new and old technologies

#### SD card Slot

A SD memory card can be inserted into the camera and used to record events which can be triggered manually, by motion or external alarm triggers (SD card not included)

THE PROFESSIONAL CHOICE

## TECHNICAL SPECIFICATION

<b>VK2-1080BXDNe</b>	Full HD network Day/Night camera (PAL)
<b>GENERAL</b>	
<b>Imaging Device</b>	1/2.7 Inch (16:9)
<b>Imager Type</b>	CMOS
<b>Imager Readout</b>	Progressive Scan
<b>Resolution</b>	Maximum 1920x1080
<b>Signal to Noise Ratio</b>	53 dB
<b>Supported Lens Type</b>	Auto DC Iris, Manual Iris
<b>Electronic Shutter Range</b>	Auto / Anti-Flicker / 1/160 - 1/10000 (Slow x2 - x64)
<b>Wide Dynamic Range</b>	68 dB
<b>Sensitivity F1.0, 50IRE</b>	Day Mode (Colour): 2.5Lux, Night Mode (B/W): 0.2Lux (F1.2 50IRE)
<b>CONNECTORS</b>	
<b>Ethernet Connector</b>	RJ-45 for 100Base-Tx
<b>BNC Connector</b>	Composite analogue video output for installation only
<b>Power Input</b>	DC12V or AC24V or PoE (IEEE802.3af Compliant, Class2)
<b>Power Consumption</b>	
<b>PoE</b>	3.2 W
<b>DC12V</b>	3.0 W
<b>AC24V</b>	3.5 W
<b>Alarm Input</b>	Push in terminals for two Alarm inputs
<b>Alarm Output</b>	Push in terminals for one Alarm output
<b>Audio Input / Output</b>	3.5mm Microphone or 3.5mm Speaker out
<b>RS485</b>	Push in terminal connectors
<b>Local recording</b>	SD Card slot (SD Card not included)
<b>VIDEO</b>	
<b>Compression</b>	H.264 High / Main / Baseline profile, MPEG4 and MJPEG
<b>Multiple streams</b>	3 simultaneous full HD streams
	Stream 1: H.264 or MPEG
	Stream 2: MJPEG
	Stream 3: H.264 or MPEG 4
<b>Frame rates</b>	Up to 25 Images per second at all resolutions.
<b>Protocols</b>	TCP/IP, UDP/IP (Unicast, Multicast), UPnP, DNS, DHCP, RTP, RTSP, NTP, IPv4, HTTP, HTTPS, SSL, SMTP, FTP
<b>Users</b>	Unicast - Up to 10 simultaneously
<b>Security Access</b>	Multicast - Unlimited users H.264 Multilevel Access, Data Encryption, Password protection, IP filtering
<b>Features</b>	WDR, 3D-DNR, DIS, Privacy Mask, Easy Focus, Digital PTZ, VMD, Image Effect, Multiple Streaming, AE, AWB, Snapshot, Manual Trigger, Audio Mute, Audio Alert, Record and Playback, Software Reset, Remote Upgrade
<b>AUDIO</b>	
<b>Audio compression</b>	G.711 PCM 8 kHz (---law or A-law)
<b>Audio Streaming</b>	Full Duplex
<b>Audio Input / Output</b>	External Mic in , External Speaker out
<b>INTEGRATION</b>	
<b>Alarm Triggers</b>	External Alarm input signals, VMD
<b>Alarm Events</b>	JPEG file upload via FTP
	Notification via Email
	External device activation
<b>System Integration</b>	Supported Open API / ONVIF compatible
<b>ENVIRONMENTAL</b>	
<b>Operational Temperature</b>	-10° - +50°C
<b>Storage Temperature</b>	-20° - +60°C
<b>Storage Humidity</b>	0 % - 96 %
<b>PHYSICAL</b>	
<b>Dimension (H x W x D)</b>	68 mm x 81.6 mm x 123.1 mm
<b>Shipping Dimension (HxWxD)</b>	125 mm x 170 mm x 115 mm
<b>Weight (Without Lens)</b>	380 g
<b>Shipping Weight</b>	510 g
<b>Accessories included</b>	Installation CD, C-Mount ring, DC auto iris connector

## MODELS IN THIS RANGE

0498280 VK2-1080BXDNe Full HD day/night IP camera H.264, PoE

## ASSOCIATED PRODUCTS

0478870 VDD31V812IRP-3MP 3.1-8mm DD lens 3 Mega pixel  
0478880 VM31V812IRP-3MP 3.1-8mm manual lens 3 mega pixel



No liability will be accepted by Vista for any errors or omissions in this information.  
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