

# VK2-1080VFD IP FULL HD INTERNAL DOME CAMERA



## SMALL SIZE - BIG PERFORMANCE

Part of the VIP2 range, the Vista VK2-1080VFD Full HD 1080p IP dome camera boasts true Day/Night operation, 3-axis positioning, and an expansive feature-set in a high-performance, economical package.

Features include dual streaming in H.264, MPEG4 or MJPEG video compression technology, allowing images to be delivered for live or recorded view with minimal network impact - at a maximum full HD image quality resolution (1920x1080) and a 25 images per second (IPS) frame rate.

The Vista VK2-1080VFD 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 input/output functionality, the Vista VK2-1080VFD 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 VIP2 range, the Vista VK2-1080VFD is also compatible with Graphica2, and Saber NVRs as well as other industry recognized platforms.

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

To learn more about this product range, please visit: [www.vista.cctv.com/graphica](http://www.vista.cctv.com/graphica)

**ViP2**



### Key Features:

#### Full HD (1920x1080) resolution

Delivers outstanding picture quality

#### PoE equipped

Using the latest PoE technology, cameras can be powered 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 H.264, MPEG4 and MJPEG4 formats at up to 25 images per second (IPS) at Full HD (1920x1080) resolution

#### Widely compatible

The VK2-1080VFD, as with the rest of the VIP2 range, is supplied with its own FOC viewing and recording client, and is compatible with: Graphica2, Sabre, Cube, Milestone, Mirasys and other 3rd party software front ends

#### ONVIF Certification

The VK2-1080VFD is tested and certified to the latest version of ONVIF which simplifies the integration of the camera into third party software front ends that are also ONVIF compatible

#### An economical option

As with the rest of the VIP2 range, the Vista VK2-1080VFD employs features usually seen on only the most expensive units

THE PROFESSIONAL CHOICE

## TECHNICAL SPECIFICATION

VK2-1080VFD (BCB and WCW versions)	SPECIFICATION
<b>CAMERA FUNCTIONS</b>	
Image sensor	1/2.7" Progressive scan RGB CMOS
Lens	Varifocal 3.0mm - 9.0mm, 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: 2.5Lux, B/W: 0.2Lux(F1.2, 50IRE)
Shutter Speed	1/20,000 ~ 1/30
<b>NETWORK</b>	
Video Compression	H.264 (MPEG-4 Part 10) Motion JPEG MPEG-4 Part2 Profiles: H.264 MP and BP, MPEG-4 ASP and SP
Video Resolutions	320x240 - 1920x1080
Frame Rate	30fps @ all resolutions
Video Streaming	Simultaneously H.264(or MPEG-4) and MJPEG Controllable Frame Rate and Bandwidth VBR/CBR H.264 and MPEG-4
Protocol	TCP/IP, UDP, IPv4/v6, HTTP, HTTPS, QoS, FTP, SNMP, uPnP, RTP, RTSP, RTCP, DHCP, ARP, Zeroconf, Bonjour
Security	Multi-user authority, HTTPS, IP Filtering, Privacy Zone
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 Buffering	Pre and Post Alarm
Motion Detection	Yes, max. 8 programmable zone
Network Time Synchronization	Yes
Micro SD Recording	Yes, Continuous/Schedule/Event
Software Reset	Yes
Factory Reset	Yes, Button/Web browser
Auto Recovery	Yes
Installation Tool	Yes, SmartManager
Upgrade	Yes, Web browser/SmartManager
<b>GENERAL</b>	
Alarm Input	Terminal, 1 TTL input
Alarm Output	Terminal, 1 open collector
Ethernet	RJ-45 10BASE-T/100BASE-TX
Operating Temperature	0°C - 50°C
Operation Humidity	0-90% (non-condensing)
Power Consumption	12VDC/PoE 330mA(4.0W). Power over Ethernet IEEE 802.3af Class2/3
External Dimension (ø x V)	118.4 (ø)x 105(H)mm
Shipping Dimensions	160(H) x 160(W) x 120(D)mm
Unit Weight	305g
Shipping weight	450g
Approval	CE

### MODELS IN THIS RANGE:

- 0473980 VK2-1080VFD/BCB Full HD IP Dome Camera, H.264 PoE Micro SD card slot, Black base, Clear bubble, Black liner
- 0473990 VK2-1080VFD/WCW Full HD IP Dome Camera, H.264 PoE Micro SD card slot, White base, Clear bubble, White liner



No liability will be accepted by Vista for any errors or omissions in this information.  
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VK2-1060VFD - version 1

Vista, 210 Wharfedale Road, IQ Winnersh, Wokingham, Berkshire RG41 5TP, England.

UK +44 (0) 118 912 5000 / Nederland +31 (0) 76 579 2577 / Belgium +32 (0) 3 369 8080 / South Africa +27 (0) 11 887 1546  
Portugal +351 234 301900 / Spain +34 91 503 06 78 / Middle East +971 4 881 14332 / Rest of world +44 118 912 5000

vista-cctv.com - info@vista-cctv.com