

VK2-3MPVRDIR37e

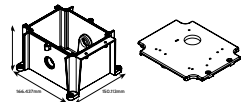
3 MEGAPIXEL VANDAL DOME CAMERA WITH BUILT IN IR ILLUMINATION



Using Sony STARVIS low light back illumination technology.

STARVIS

Compatible with UMBB Universal IP66 Mounting Box and UMFP2.



Expanding the popular VK2 range, Vista have introduced a range of 3MP cameras using Sony's latest STARVIS back illumination CMOS technology. This allows the cameras to produce exceptionally good images in very low light situations.

The VK2-3MPVRDIR37e offers triple streaming technology along with IR illumination, this guarantees images 24/7 at ranges of up to 15m, while the 3.7mm lens allows for wide angle scene coverage. In addition the camera comes with other high end features such as local SD card event recording, 2 way audio and alarm in and out connections.

Vista's unique Event Boost™ technology 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.

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.

Key Features:

Sony STARVIS technology

The camera uses the latest Sony STARVIS back illumination CMOS chip set to produce exceptional images in low light situations.

3 megapixel triple streaming

The camera can output 3 individually configurable video streams that can be tailored to the needs of different applications such as recording, live viewing and remote viewing.

Alarms and Audio

The alarm and audio outputs make the camera particularly suitable for integration into remote monitoring systems such as the Vista SMART range.

IR illumination

Guarantees images 24/7 at ranges of up to 15m.

TECHNICAL SPECIFICATION

| Model | | VK2-3MPVRDIR37e |
|-------------------------|-----------|--|
| IMAGE | | |
| Lens | | Fixed-focal 3.7mm, F2.5 |
| Angle of View | | 90.0°(H) x 50.0°(V) |
| Image Sensor | Type | 1/2.8" Sony STARVIS CMOS sensor |
| | Pixels | 2048(H) x 1536(V) 3.15M |
| Min. Illumination | | Colour: 0.2 Lux, 50IRE BW: 0 Lux, 50IRE |
| Scanning Mode | | Progressive Scan |
| Wide Dynamic Range | | D-WDR (72dB) |
| Day and Night Mode | | True D/N (Auto, Day, Night) |
| Noise Reduction | | 2DNR, 3DNR |
| Digital Zoom | | Yes (ROI) |
| Exposure Control | | Auto |
| White Balance Control | | Auto, Incandescent, Fluorescent, Outdoor |
| Back Light Compensation | | Yes |
| Image Effect | | Flip, Mirror, Aisle |
| Flicker Free Mode | | 50Hz, 60Hz |
| Shutter Speed | | Auto (1/10,000 ~ 1sec), Manual |
| IR Illuminator | Quantity | 24 IR LEDs |
| | Angle | 76°(H) |
| | Distance | 15m |
| VIDEO/AUDIO | | |
| Compression | | H.264 (Baseline, Main, High Profile), MJPEG |
| Bitrate Control | | CVBR, VBR |
| Resolution | | 2048x1536, 1920x1080, 1280x1024, 1280x720/960, 1024x768, 704x480/576, 640x360/480, 320x240 |
| Frame Rate | | Max. 25ips/30ips |
| Streaming | | 25/30ips (Triple Stream: H.264 x 2, MJPEG x 1) |
| Audio Compression | | G.711 |
| Audio Streaming | | 2 Way |
| SYSTEM | | |
| Video Contents Analysis | | Defog, Tampering, Line Detector, Field Detector |
| Motion Detection Area | | 16 Programmable Area (Include Area 8, Exclude Area 8) |
| Privacy Mask Zone | | 8 Programmable Zone |
| FTP Uploading | | MJPEG |
| Event Notification | | E-mail, FTP, Notification Server, XML Notification, Audio Alert |
| Audio Alert | | User-Defined 3 Audio files |
| Login Authority | | Administrator, Operator, Guest |
| Event Buffering | FTP | Pre: 30sec, Post: 30sec |
| | SD Record | Pre: 10sec, Post: 60sec |
| Manual Trigger | | 4 Programmable Trigger |
| SOFTWARE | | |
| Security | | Multi User Authority, IP Filtering, HTTPS, SSL |
| Network Time Sync | | NTP Server, Synchronized Computer, Manual |
| Software Reset | | Restart, Reset, Factory Default |
| Hardware Factory Reset | | Yes |
| Auto Recovery | | Backup, Restore |
| Remote Upgrade | | Web Browsing (IE), SmartManager |
| SD Recording Mode | | Event, Continuous |
| NETWORK | | |
| Protocols | | TCP/IP, UDP, IPv4/v6, HTTP, HTTPS, QoS, FTP, UPnP, RTP, RTSP, RTCP, DHCP, ARP, Zeroconf, Bonjour |
| Client Software | | Web, SmartManager, Client S/W, Mobile S/W |
| API Support | | Open API, ONVIF Compliance |
| Mobile Support | | Android, iOS |
| EXTERNAL IN/OUT | | |
| Audio | | 1 Input, 1 Output (Terminal Block) |
| Alarm | | 1 Input, 1 Output (Terminal Block) |
| Ethernet | | RJ-45 (10/100Base-T) |
| Micro SD Card | | SDXC (64GB) |
| ETC | | |
| Operating Humidity | | 0 ~ 90% RH (Non-condensing) |
| Operating Temperature | | -10°~+50° |
| Power Supply | | PoE (IEEE802.3af compliance, Class0), 12VDC |
| Power Consumption | | 4.5W |
| Dimensions | | 144(Φ) x 98(H)mm |
| Net Weight | | Approx 670g |
| Ingress Protection | | IP66 (IK10) |

Models In This Range

0722940
VK2-3MPVRDIR37e

Associated Products

0747590
UMBB
Back box

0747620
UMFP3
Front plate 3

0747630
UMBB-CMA
Corner mount adaptors




No liability will be accepted by Vista for any errors or omissions in this information.
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DS - VK2-3MPVRDIR37e - Version 1

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