VK2-5MP360INT 5MP FISHEYE CAMERA

SEE EVERYTHING

Compatible with UMBB Universal IP66 Mounting Box and UMFP2.

The VK2-5MP360INT 360° x 182° lens (extreme wide angle) allows a single camera to cover a whole room from one central point with no blind spots. The 5MP sensor produces superb image quality, and the control software allows the operator to pan/tilt and zoom within the image in both live and play back modes. Making it an excellent tool for post-event investigation.

The advanced algorithms within the cameras software allow the circular 360 degree image to be "de-warped" into usable video while mounted either on a ceiling or wall.

This de-warping allows the image to be displayed in various modes such as a quad of 4 separate images or a top bottom split of 182° each.

The compact housing (Only 119mm diameter) is based on Vistas very popular VFD cameras, so allows it to fit onto standard pole mount brackets, ideal for use in warehouse or large retail applications.

The cameras Digital WDR functions allows excellent quality images to be produced even when used in areas where there are large variations in light levels.

The cameras is fully ONVIF compliant and can be used with many third party VMS manufacturers, as well as the VIPER PoE NVR.
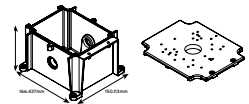
Key Features:

5 Megapixel Imagery
Megapixel technology affords large scene coverage and ultimate detail for retrospective review

1.05mm extremely wide angle lens
The 360° x 182° angle of view gives full coverage of an area with no blind spots

Compact size and great aesthetics
The small 119mm diameter footprint and unobtrusive design, makes it ideal for any installation where looks are an important factor

Triple streaming
The Dome can deliver 3 separate individually configurable IP streams that can be used for different applications such as Recording, Live Viewing and Mobile application viewing

ONVIF compliant
ONVIF compliance assures seamless integration to third party devices

True day/Night operation
The camera will operate down to very low light levels, and is also IR sensitive

Recording flexibility
Recording onto the internal SD card can be controlled manually or triggered via alarm input or motion detection

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.

TECHNICAL SPECIFICATION

Model	VK2-5MP360INT	
GENERAL		
Lens	Fixed-focal 1.05mm, F2.8	
Angle of View	182.0°	
Image Sensor	Type	1/1.8" SONY Starvis CMOS sensor
	Pixels	2592(H) x 1944(V) 5.04M
Min. Illumination	0.2 LUX, 50 IRE	
Scanning Mode	Progressive Scan	
Wide Dynamic Range	D-WDR (72dB)	
Day and Night Mode	True D/N (Auto, Day, Night) Mechanical IR cut filter	
Noise Reduction	2DNR, 3DNR	
Dewarp modes	Via VK2-Client, Quad Ceiling, Quad Wall, Panomorph ceiling, Panomorph wall	
Exposure Control	Auto	
White Balance Control	Auto, Incandescent, Fluorescent, Outdoor	
BLC	Yes	
Image Effect	Flip, Mirror, Aisle, Defog, HLC, S-LDC	
Flicker Free Mode	50Hz, 60Hz	
Shutter Speed	Auto (1/10,000 ~ 1sec), Manual	
VIDEO/AUDIO		
Compression	H.264 (Baseline, Main, High Profile), MJPEG	
Bitrate Control	CVBR, VBR	
Resolution	2592x1944, 2048x1536, 1944x1944, 1920x1080, 1280x1024, 1280x720/960, 1024x768, 704x480/576, 640x360/480, 320x240	
Frame Rate	Max. 12.5fps/15fps	
Streaming	12.5/15fps (Triple Stream: H.264 x 2, MJPEG x 1)	
Audio Compression	G.711	
Audio Streaming	2 Way	
SYSTEM		
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	
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, Chrome, Safari, Firefox), 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	
Max. User Connection	Live: 10 Users, Playback: 3 Users	
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)	
u-SD Card	SDHC, SDXC (64GB)	
OTHER		
Operating Humidity	0 ~ 90% RH (Non-condensing)	
Operating Temperature	-10° ~ +50°	
Power Supply	PoE (IEEE802.3af compliance, Class0), 12VDC	
Power Consumption	TBD	
Dimensions	119(Φ) x 64.6(H)mm	
Net Weight	Approx 280g	

Models In This Range

0765520
VK2-5MP360INT
5MP 360 degree fisheye camera

Associated Products

0276270
VDM-IPMCA
Solid ceiling pole adaptor

0291100
VDM-IPMGA
Girder mount adaptor

0276240
VDM-2MP
2m drop pole

0496980
VFDAS-IPMA
Camera adaptor plate

0747590
UMBB
Universal mounting box

0747610
UMFP2
Face plate for UMBB

CE

DS - VK2-5MP360INT 5MP - Version 1

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