Ultra WDR IP Box Camera
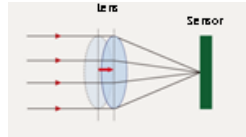## VMS-CS-I-X-2

VMS VIDEO MANAGEMENT SOLUTIONS

Datasheet

Product Specification

Auto Back Focus (ABF)
VMS-CS-I-X-2 can perform fast, reliable auto focus and can adapt to different indoor and outdoor scenes through its unique algorithm. As auto focus can be done by the camera itself, no on-site focus adjustment is required.

WDR Engine Gen3
The latest ultra WDR engine delivers excellent, natural high dynamic images. Both details of high light and low light areas are kept, and no blending artifacts are generated.

Crystal Engine Gen3
Under extremely low light environments, Crystal engine gen3 delivers low noise and high image quality without compromising on details. In addition, it also keeps the image sharp for moving objects.

Key Features

♦ Multiple Progressive Scan CMOS Sensor 2M Resolution
♦ Multi Exposure line-interleaved HDR
♦ Multi Codec support (H.265 / H.264 / MJPEG)
♦ Low Latency Streaming
♦ Quad Streams support
♦ True Day/Night function (ICR)
♦ Smart Low Bitrate control
♦ 3D Motion Compensated Noise Reduction (MCTF)
♦ Smart Event function- External Input/ Motion Detection / Network Failure Detection/ Tampering Alarm/Periodical Event/ Manual Trigger/ Audio Detection
♦ Text Overlay and Privacy Masks
♦ Micro SD/SDHC/SDXC Card support
♦ ONVIF Profile S/G/Q/T support
♦ Auto Back Focus (ABF) built in
♦ WDR Engine Gen3
♦ Dual IRIS support
♦ Triple power support (PoE/ DC12V/ AC24V)

ONVIF | S G Q T   FullHD 1920×1080P

3 Years Advanced Replacement Warranty

(Conditions Apply) Ph: 1300 130 423 www.vmsaus.com.au

VMS-CS-I-X-2 Ultra WDR IP Box Camera

Sony 2M

Image Sensor	Sony 2M 1/2.8" Progressive CMOS
Effective Pixels	HxV= 1945x1097 (2M)
Pixel Size	2.9 µm
Frame Rate (Maximum)	H.265 HDR 1080p @30fps + 720p @30fps H.264 HDR 1080p @30fps + 720p @30fps
	MJPEG 1080p @30fps

Lens

Minimum Illumination	Color	0.02 lux
	B/W	0.001 lux
Lens	CS Mount lens Remote focus (ABF)	
Iris	P-Iris/DC-Iris	

Camera

Day and Night	Automatically removable IR-cut filter
Shutter Time	1~1/10K sec.
WDR	Gen3 Engine
Zoom	Digital zoom ready
Image Settings	Color, Brightness, Sharpness, Contrast White Balance, Exposure Control 2DNR, 3DNR, NR by Motion Masking, Text Overlay
Corridor Mode	90º, 180º, 270º rotation

Video Codec

Compression	H.265/ H.264/ MJPEG
Streaming	Streams in H.265/ H.264/ MJPEG Configurable resolution/ frame rate/ Bandwidth LBR/ VBR/ CBR in H.265/ H.264

Audio Codec

Compression	G.711/ G.726/ AAC/ LPCM
Streaming	2 way
Audio Input	Line in
Audio Output	Line out

Network

Interface	10/100Mbps Ethernet
Security	User Authentication/ HTTPS/ IP Filter/ IEEE 802.1x
Supported Protocols	ARP, PPPoE, IPv4/v6, ICMP, IGMP, QoS, TCP, UDP, DHCP, UPnP, SNMP, SMTP, RTP, RTSP, HTTP, HTTPS, FTP, NTP, DDNS
ONVIF	Profile S/ G/ Q/ T conformant

System Integration

Analytics	Motion Detection/ Tampering/ Audio detection
Event Triggers	External Input, Analytics, Network Failure Detection, Periodical Event, Manual Trigger
Event Actions	External output Activation Video and audio recording to edge File Upload: FTP, network share and email Notification: HTTP, FTP, email

General

Casing	Metal and Plastic
Power	PoE IEEE802.3af, class 0, max 7.96 watt DC12V, 0.76A, max 9.11 watt AC24V, max 7.81 watt, 16.50 VA
Connectors	RJ45 Alarm in x2, Alarm out x1, Terminal Block DC12V Terminal Block AC24V Terminal Block Audio in 3.5mm Jack Audio out 3.5mm Jack BNC
Storage	Support for microSD/ microSDHC/ microSDXC card Support for recording to NAS
Operating Conditions	-30ºC~55ºC 10%~90%, No Condensation
Storage Conditions	-20ºC~70ºC
Approvals	EMC: CE/FCC Safety: LVD
Dimensions	150x82x52 mm
Weight	395 g