

# Ultra WDR IP Box Camera

## VMS-CS-I-X

1080p Multi-Stream Ultra Dynamic Range  
IP Camera



Datasheet

### Product Specification

The VMS-CS-I-X camera is a multi-stream ultra dynamic range IP camera with a maximum resolution of 1080p @ 60 fps.

The cameras dynamic range offers excellent image quality under extreme high contrast and variable lighting conditions. With the combination of exceptional low light performance and WDR the camera is ideal for public space and traffic applications.

The 60 fps allows high speed pedestrian traffic and vehicular movement to be monitored and recorded more effectively.

### Key Features

- ◆ 1080p Resolution
- ◆ ONVIF Support
- ◆ Sony Progressive Scan CMOS Sensor
- ◆ Quad Streams Support
- ◆ Dual Streams, Full HD 1080P @ 60fps + D1 @ 30fps
- ◆ Quad Streams Compression: H.264 Baseline / Main / High Profile + MJPEG
- ◆ Ultra Dynamic Range
- ◆ Text Overlay & Privacy Masks
- ◆ Micro SD Support
- ◆ BNC Analog output
- ◆ Triple Power Support- PoE / DC12V / AC24V



**3 Years Advanced Replacement Warranty**

(Conditions Apply) Ph: 1300 130 423 [www.vmsaus.com.au](http://www.vmsaus.com.au)

## VMS-CS-I-X - 1080p Multi-Stream Ultra Dynamic Range IP Camera

Camera		Network	
Image Sensor	1/1.9" Progressive scan CMOS	Physical Interface	RJ-45, 10/100/Mbps Ethernet
Effective Pixels	1920 x 1080 (HxV)	Video Compression	H.264 (MPEG-4 Part 10/AVC) / MJPEG
Minimum Illumination	0.02 Lux Colour & 0.001 Lux B&W F1.8	Video Streaming	Single Stream: H.264 1080P@120FPS
Shutter Speed	1 to 1/10000 s		Dual Streams:
Image			H.264 1080P@50/60FPS
IRIS Control & Focus	DC-Iris, Auto Back Focus		+ H.264/MJPEG 1080P@25/30FPS
Backlight Compensation	On/Off with Motion Compensation		Quad Streams:
White Balance	Auto/Manual/ATW/One Push		H.264 1080P@50/60FPS
Noise Reduction	3D and 2D - Configurable		+ H.264 720P@25/30FPS
Wide Dynamic Range	Configurable On/Off		+ H.264 SXGA@25/30FPS
Privacy Mask	Yes Colour - Configurable	Video Resolutions	Full HD 1080P/SXGA/HD 720P/XGA/SVGA/D1/VGA/CIF/QVGA
Brightness	Configurable	Protocols	ARP,IPv4/v6, TCP/IP, UDP, RTP, RTSP, HTTP, HTTPS, ICMP, FTP, SMTP, DHCP, PPPoE, UPnP, IGMP, SNMP, QoS, ONVIF
Exposure	Auto/Manual		
Sharpness	Configurable		
Contrast	Configurable		
Saturation	Configurable		
Hue	Configurable	Security/Authorisation	HTTPS/IP Filter/IEEE 802.1X
Digital Zoom	Configurable On/Off	Alarm	Input: 1, 5V 10kΩ pull up Output: 1, Photo Relay 300V DC/AC
Motion Detection	Configurable On/Off/Schedule, 10 zones configurable per video stream.	Event Notification	HTTP/FTP/SMTP
		Storage	microSDXC 64GB Support
		Supported Web Browser	Internet Explorer (6.0+)
ICR	Configurable Auto/On/Off/Smart	User Accounts	20 Individual Accounts
IR Threshold	Adjustable Levels	Password Levels	User and Administrator
Digital Image Stabilization	Configurable On/Off	Mechanical	
Event		Lens Mounting	CS Mount
Image Tampering Alarm	Configurable On/Off/Schedule	LED Indicators	Power/Link/Activity
Network Failure Detect	Configurable On/Off/Schedule	Connectors	SFP Slot, 3-pin Power Terminal, 7-pin Alarm Terminal, microSD slot, BNC Analogue 1.0Vp-p 75Ω, Line In and Line Out Stereo Phono Jacks 3.5mm, DC Auto Iris Jack
Audio Detection	Configurable On/Off		
Audio			
Transmission	Two-way, Line In and Line Out		
Compression	G.711/G.726/AAC/LPCM		
Bit Rate	G.726 :16/24/32/40Kbps G.711 :uLAW(64Kbps)/ALAW(64Kbps) AAC:128 Kbps PCM:128/256/384/768Kbps	Mounting Accessories	For all accessories please visit <a href="http://www.vmsaus.com.au">www.vmsaus.com.au</a>
Sampling Rate	8 KHz	Product specification and availability are subject to change without notice.	
General			
Operating Temperature	-10°C ~ 50°C		
Operating Humidity	10% ~ 90% Non-condensing		
Dimensions	149.66 x 79.73 x 52.57 mm w/o Lens		
Weight	395 g w/o Lens		
Power Source	PoE /DC 12V/AC 24V		
Power Consumption	9.5W		
Regulatory Approvals	FCC/CE		

For Sales or Distribution please contact Optical Solutions Australia  
Ph: 1300 130 423 | [www.opticalsolutions.com.au](http://www.opticalsolutions.com.au)