

QUANTUM

QUANTUM-2s-XC2



The QUANTUM-2s-XC2 is an IP 2 MegaPixel (50fps) Box Camera suitable for installation inside weatherproof housings or internally on a bracket. Featuring IC Realtime Sirius low light technology this camera produces useable colour images in extreme low light conditions.

Utilising a Ambarella SoC the ZENON-2s-XC2 has H.265 compression (High Efficiency Video Coding) as standard, H.265 was developed to improve HDD storage requirements and reduce bandwidth consumption. For example, at an identical level of visual quality the H.265 codec enables video to be compressed to a file about half the size (or half the bit rate) of H.264.

Its advanced chipset supports intelligent functions such as Heat Mapping, People Counting and many others to provide valuable business intelligence to many industries including the FMCG industry. The camera also has WDR (120dB), 2 alarm inputs, 2 alarm outputs, audio in/out, integrated microphone and a Micro SD slot for edge recording.



PERFORMANCE

Image Sensor	Sony IMX185 (1/1.9")
Chipset	Ambarella
RAM/ROM	1024MB / 128MB
Effective Pixels	1920(H) x 1080(V)
Video Compression	H.265, H.264
Audio Compression	G.711a, G.711Mu, AAC, G.726
Resolution (Max)	1080P (1920x1080)
Streams (Total)	3
-Main Stream	1080P (1-50fps)
-Sub Stream	D1 (1-50fps)
-3rd Stream	1080P (1-50fps)
Bit Rate	14-6,144Kbps (H.265) 24-10,240Kbps (H.264)
Backlight Compensation	BLC / HLC / SSA
Wide Dynamic Range	WDR (120dB)
White Balance	Auto / Natural / Street Lamp etc.
Gain Control	Auto / Manual
Noise Reduction	3D DNR
Privacy Masking	Up to 4 areas
Special Functions	ROI, EIS, Defog

LENS

Focal Length	-
Lens Type	C/CS Mount
Max Aperture	-
Angle of View	-

DAY / NIGHT

Min. Illumination	Colour	0.001 Lux @ F1.2
	B&W	0.0001 Lux @ F1.2
Day/Night	Auto (ICR) / Colour / B/W	
IR Distance	-	

CONNECTIVITY

Ethernet	1 RJ45 (10/100/1000Base-T)
Analogue Port	1
Alarm Input	2
Alarm Output	2
Audio Input	2 - Integrated Microphone
Audio Output	1
RS-485	1
Memory Slot	Micro SD (Max 128GB)

SOFTWARE

Network Functions	IPv4/ IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPoE, DDNS, FTP, IP Filter, QoS, Bonjour, 802.1x
Smart Phone/Tablet PC / Mac Software Interoperability	ICRSS Pro / ICView Smart ICRSS / Web Browser ONVIF, PSIA, CGI
Intelligent Functions	Tripwire Intrusion Abandoned / Missing Detection Face Detection Heat Mapping People Counting
Trigger Mode	Manual / Auto (alarm triggered)
Trigger Event	Manual / Auto (alarm triggered)

ENVIRONMENTAL

Power	24vAC / 12vDC PoE (802.3af, Class 0)
Consumption	<6.5W
Working Environment	-30°C - 60°C / Less than 95% RH
Ingress Protection	-
Vandal Protection	-
Casing Construction	Metal
Dimensions	161.6 × 85.5 × 74mm
Weight	0.72kg NET / 0.92kg Gross

ACCESSORIES (OPTIONAL)

Camera Bracket	IC-BRKT-100
3MP 2.7-12mm Lens	IC-L2712-3MP
3MP 5-50mm Lens	IC-L550-3MP



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