

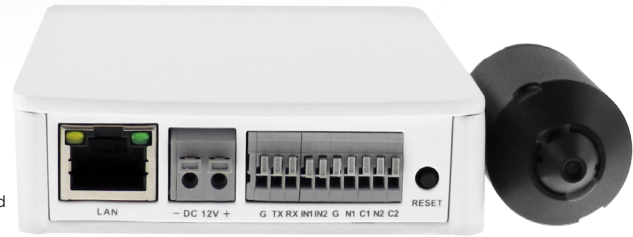
QUANTUM

QUANTUM-2s-CF2



IP Technology 2MP Resolution H.265 Compression Alarm & Audio In/Out Intelligent Detection

The QUANTUM-2s-CF2 is a modular encoder and camera sensor offering. The solution is designed for discreet installations such as ATMs and covert applications where the camera lens needs to be hidden. The QUANTUM-2s-CF2-EN is the encoder box which houses all the processing power and this is usually installed where the cabling can reach easily without effecting the discreet installation. You can then choose which camera sensor is more suitable for the installation, the camera sensor comes with 8m of cable which is then plugged into the encoder box.



Utilising a Ambarella SoC the QUANTUM-2s-CF-EN 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. Also incorporated in the QUANTUM-2s-CF-EN are intelligent detection functions such as tripwire, intrusion, missing/abandoned object etc



PERFORMANCE

Image Sensor	Sony Exmor R (1/2.8")
Chipset	Ambarella
RAM/ROM	256MB / 32MB
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 (1-25fps)
-Sub Stream	D1 (1-25fps)
-3rd Stream	1080P (1-25fps)
Bit Rate	14-5,632Kbps (H.265) 24-9,472Kbps (H.264)
Backlight Compensation	BLC / HLC
Wide Dynamic Range	DWDR
White Balance	Auto / Natural / Street Lamp etc.
Gain Control	Auto / Manual
Noise Reduction	3D DNR
Privacy Masking	Up to 4 areas
Special Functions	ROI

LENS

Focal Length	2.8mm Fixed
Lens Type	Board-in
Max Aperture	F2.4
Angle of View	H: 104° / V:59°

DAY / NIGHT

Min. Illumination	Colour	0.07 Lux @ F2.4
	B&W	0.007 Lux @ F2.4
Day/Night	Electronic	
IR Distance	-	

CONNECTIVITY

Ethernet	1 RJ45 (10/100Base-T)
Analogue Port	-
Alarm Input	2
Alarm Output	2
Audio Input	1
Audio Output	1
RS-232	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
Trigger Mode	Manual / Auto (alarm triggered)
Trigger Event	Manual / Auto (alarm triggered)

ENVIRONMENTAL

Power Consumption	12vDC / PoE (802.3af, Class 0) <6W
Working Environment	-40°C - 60°C / Less than 95% RH
Ingress Protection	-
Vandal Protection	-
QUANTUM-2s-CF2-EN - Encoder	
Dimensions	110 x 82.7 x 24mm
Weight	0.2kg NET / 0.36kg Gross
QUANTUM-2s-CF2-S1 - Pin Hole Cylinder Sensor	
Dimensions	Ø26.5mm x 48.3mm
Weight	0.13kg NET / 0.22kg Gross
QUANTUM-2s-CF2-S3 - Flat Lens Cylinder Sensor	
Dimensions	Ø26.5mm x 50.4mm
Weight	0.13kg NET / 0.22kg Gross

MODULES

Encoder	QUANTUM-2s-CF2-EN
Pin Hole Cylinder Sensor	QUANTUM-2s-CF2-S1
Flat Lens Cylinder Sensor	QUANTUM-2s-CF2-S3



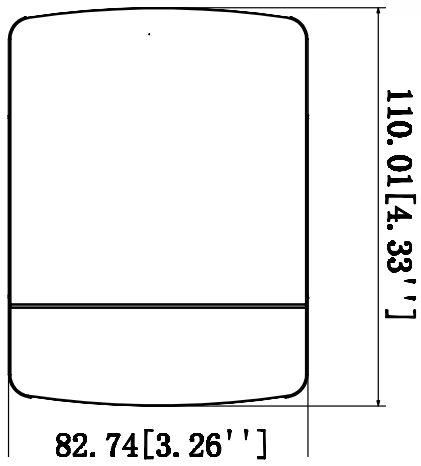
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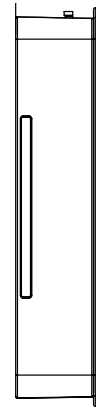
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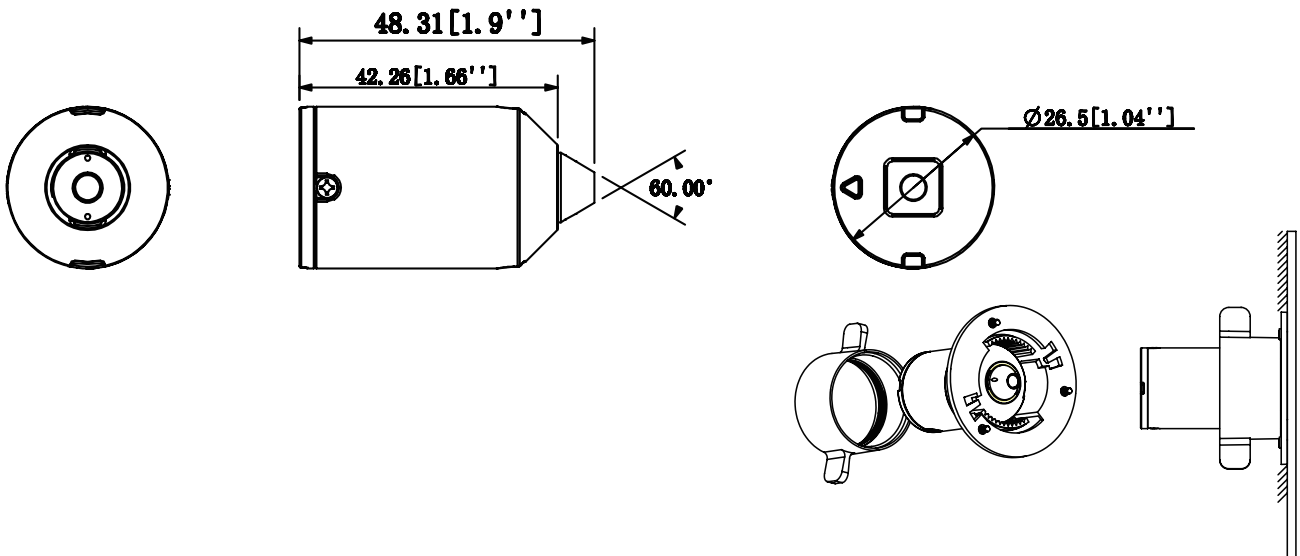
QUANTUM-2S-CF2-EN



$24.00 [0.95'']$



QUANTUM-2S-CF2-S1



QUANTUM-2S-CF2-S3

