IC REALTIME | OPTIC

OPTIC-4s-DF4-IO-W-2.8

The OPTIC-4s-DF4-IO-W-2.8 is a 4 megapixel 2.8mm Fixed IP Dome Camera that is IP67 weatherproof and has integrated Smart IR range of up to 30m.

Utilising a Ambarella SoC the OPTIC-4s-DF4-IO-W-2.8 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.

To further improve compression this camera also has Smart Compression which can further reduce bandwidth and storage by up to 70% over standard H.265 and H.264. Also, incorporated in the OPTIC-4s-DF4-IO-W-2.8 are intelligent detection functions such as tripwire and intrusion. This camera is ONVIF compliant meaning seamless compatibility with 3rd party recorders and VMS's.

IP	4MP	H.265		
IP Technology	4MP Resolution	Compression	30m IR	Intelligent Detection

PERFORMANCE

Image Sensor	Omnivision (1/3")
Chipset	Ambarella
Effective Pixels	2688 (H) x 1520 (V)
Compression	H.265E, H.265, H.264E, H.264
Resolution	4MP (1~20fps) 3MP (1~25fps)
Streams	2
Bit Rate	12~8,448Kbps (H.265)
Wide Dynamic Range	WDR (120dB), BLC, HLC
White Balance	Auto/ Manual
Gain Control	Auto/ Manual
Noise Reduction	3D
Privacy Masking	Up to 4 areas
Corridor Mode	Yes

LENS & DORI GUIDE (EN 62676-4)

Focal Length	2.8mm
Max Aperture	F2.0
Focus Control	Fixed
Field of View	F2.0
Detect (DORI)	25px/m - Wide = 64m / Tele = 222m
Observe (DORI)	63px/m - Wide = 26m / Tele = 89m
Recognize (DORI)	125px/m - Wide = 13m / Tele = 44m
Identify (DORI)	250px/m - Wide = 6m / Tele = 22m

DAY & NIGHT

Min. Illumination	Colour: 0.08 Lux @ F2.0 (1/3s, 30IRE) IR On: 0 Lux @ F2.0
Day/Night	Auto (ICR) / Colour / B&W
IR Distance	30m (98ft)

CONNECTIVITY

Ethernet	1 x RJ45 (10/100Base-T)
Analogue Port	-
Alarm Input	-
Alarm Output	-
Audio Input	-
Audio Output	-
Memory Slot	-

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	ICRSS Pro / ICView / EasyViewer
PC/ Mac Software	Smart ICRSS / Web Browser
3rd Party Support	Onvif, PSIA, CGI
Intelligent Functions	Tripwire, Intrusion

ENVIRONMENTAL

Power	12vDC / PoE (802.3af)
Consumption	<4.7W
Working Environment	-30°C ~ +60°C, Less than 95% RH
Protection	IP67
Vandal Protection	–
Dimensions	Ø93.4mm x 80mm
Weight	0.23kg NET/ 0.39kg Gross
Bracket	Tri-Axis (Ceiling or Wall)

ACCESSORIES

Junction Base	BASE-130-E (Weatherproof)
Wall Mount	Please ask
Pole Mount	Please ask

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