

Zenon

ZENON-2s-DF4-IV-2.8 ZENON-2s-DF4-IV-3.6



IP Technology



4MP Resolution



Compression



Intelligent
Detection



Microphone

The ZENON-2s-DF4-IV is 4 Megapixel IP67/IK10 Fixed Lens (2.8mm or 3.6mm) Dome. It has a Smart IR Viewing Distance of up to 20m, 120dB rated True WDR and incorporates a built in microphone.

Utilising a Ambarella SoC the ZENON-2s-DF4-IV 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 ZENON-2s-DF4-IV are intelligent detection functions such as tripwire, intrusion, missing/abandoned object etc.



PERFORMANCE

Image Sensor	Omnivision (1/3")
Chipset	Ambarella
RAM/ROM	512MB / 32MB
Effective Pixels	2688(H) x 1520(V)
Video Compression	H.265E, H.265, H.264E, H.264
Audio Compression	G.711a, G.711Mu, AAC, G.726
Resolution (Max)	4MP (2688x1520)
Streams (Total)	3
-Main Stream	4MP (1-25fps)
-Sub Stream	D1 (1-25fps)
-3rd Stream	720P (1-25fps)
Bit Rate	14-9,984Kbps (H.265) 24-10,240Kbps (H.264)
Backlight Compensation	BLC / HLC
Wide Dynamic Range	WDR (120dB)
White Balance	Auto / Manual
Gain Control	Auto / Manual
Noise Reduction	3D DNR
Privacy Masking	Up to 4 areas
Special Functions	ROI

LENS

Focal Length	2.8mm / 3.6mm
Lens Type	Fixed
Max Aperture	F2.0 / F2.0
Angle of View	H: 104°/V: 57° / H: 87°/V: 48°

DAY / NIGHT

Min. Illumination	Colour	0.08 Lux @ F2.0
	IR On	0 Lux @ F2.0
Day/Night	Auto (ICR) / Colour / B/W	
IR Distance	20m (Smart IR)	

CONNECTIVITY

Ethernet	1 RJ45 (10/100Base-T)
Analogue Port	-
Alarm Input	-
Alarm Output	-
Audio Input	1 - Built in Microphone
Audio Output	-
RS-485	-
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 Object, Face Detect
Trigger Mode	Manual / Auto (alarm triggered)
Trigger Event	Manual / Auto (alarm triggered)

ENVIRONMENTAL

Power Consumption	12vDC / PoE (802.3af) <4.5W
Working Environment	-30°C - 60°C / Less than 95% RH
Ingress Protection	IP67
Vandal Protection	IK10
Casing Construction	Metal
Dimensions	Ø106mm x 50.3mm
Weight	0.4kg NET / 0.44kg Gross

ACCESSORIES (OPTIONAL)

Junction Base	BASE-139-W
Wall Mount	MNT-204-W
Pole Mount	MNT-204-W + MNT-PM152



European Head Office
IC Realtime,
12 Knockmitten Lane,
Western Industrial Estate,
Dublin 12,
Ireland

UK Office
IC Realtime UK
Surrey Technology Centre,
40 Occam Road,
Guildford GU2 7YG,
United Kingdom

USA Head Office
IC Realtime, LLC,
3050 N Andrews Ave EXT,
Pompano Beach,
FL 33064,
USA

USA West Coast Office
IC Realtime West Coast,
14180 W Van Buren Street,
Suite B-105, Goodyear,
AZ 85338,
USA