IC REALTIME | Zenon

ZENON-5s-DM5-IV

Driven by cutting-edge deep learning algorithms, the ZENON-5s-DM5-IV camera revolutionizes the accuracy video analysis, providing unmatched precision in security monitoring. The ZENON-5s-DM5-IV supports a wide range of intelligent functions, including video metadata, smart sound detection, face detection, perimeter protection, people counting, and more. Equipped with advanced image processing capabilities, the ZENON-5s-DM5-IV leverages AI-Powered Image technology for superior surveillance outcomes.

Benefit from enhanced image clarity and detail, empowering you to make data-driven decisions with confidence. Deeplight utilizes deep learning algorithms to process images, effectively reducing noise and achieving better images with higher clarity in environments with low illumination or during night time.

Engineered to withstand the harshest conditions, the ZENON-5s-DM5-IV camera is dustproof, waterproof, and vandal-proof. Certified with an impressive IP67 rating for dust and water resistance, and IK10 rating for impact resistance (varies depending on the model), it ensures reliable performance in challenging scenarios.

IC Realtime's ZENON-5s-DM5-IV, you can benefit from accurate audio and video analysis, real-time alerts, and enhanced situational awareness, empowering you to stay ahead of potential threats.

| IP Technology | 5MP Resolution | SMART H.265 Compression | 50m IR | Alarm & Audio In/Out |
| AI Intelligent Detection | ePoE Transmission | Smart Motion Filter | People Counting | Heat Mapping |

● PERFORMANCE

Image Sensor	1/2.7" CMOS
Chipset	Ambarella
RAM/ROM	1GB/ 4GB
Effective Pixels	2960(H) x 1688(V)
Video Compression	Smart H.265, H.264B, H.264H, H.264
Audio Compression	G.711a/G.711Mu/G.726/AAC/G.723
Resolution (Max)	5MP
Streams (Total)	4
- Main Stream	2960 x 1688 (1~20FPS)
- Sub Stream	D1 (1~20/30FPS)
- 3rd/4th Stream	1080P (1~25FPS) / 720P (1-25FPS)
Bit Rate	32 ~ 16,384Kbps (H.264) 12 ~ 11,776Kbps (H.264)
Blacklight Compensation	BLC / HLC
Wide Dynamic Range	WDR (120dB)
White Balance	Auto / Manual / Preset
Gain Control	Auto / Manual
Noise Reduction	3D NR
Privacy Masking	4 areas
Special Functions	SSA / ePoE

● LENS

Focal Length	2.7-13.5mm
Max Aperture	Motorised
Focus Control	F1.5
Angle of View	H: 114°, V: 58°,
Detect (DORI)	25px/m - Wide = 64m
Observe (DORI)	63px/m - Wide = 25.6m
Recognize (DORI)	125px/m - Wide = 12.8m
Identify (DORI)	250px/m - Wide = 6.4m

● DAY & NIGHT

Min. Illumination	Colour 0.0009 Lux@ F1.5 - B/W 0.0005 Lux @ F1.5
Day/Night	Auto (ICR) / Colour/ B&W
IR Distance	40m (Smart IR)

● CONNECTIVITY

Ethernet	1 - RJ45 (10/100Base-T)
Analogue Port	–
Alarm Input	1 (5mA, 3-5vDC)
Alarm Output	1 (300mA, 12vDC)
Audio Input	1
Audio Output	1
RS-485	–
Memory Slot	Micro SD (Max 512GB)

● 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, 802.1x, IGMP, SFTP
Smart Phone/ Tablet	EasyViewer/ DMSS/ ICView
PC/ Mac Software	Smart ICRSS / Web Browser
Interoperability	ONVIF, PSIA, CGI
Intelligent Functions	Perimeter Rules, Parking/Loitering detection, People Counting, Heat Map, Metadata, Face Detection, SMD+, Smart Sound Detection
Trigger Mode	Manual / Auto (alarm triggered)
Trigger Event	Manual / Auto (alarm triggered)

● ENVIRONMENTAL

Power	12v DC (±30%), PoE (802.3af, Class 0)
Consumption	12V: 2.7/10W (IR On) POE: 5.6/12.1W (IR On)
Working Environment	-30°C~60°C / Less than 95%RH
Ingress Protection	IP67
Vandal Protection	IK10
Casing Material	Metal
Dimensions	Ø159 x 118.1mm
Weight	0.91kg NET / 1.22kg Gross

● ACCESSORIES (OPTIONAL)

- Junction Base - BASE-138-W
- Wall Mount - MNT-PFB211WA
- Drop Mount - MNT-CM3 + PLA-101-W
- Rain Shield - MNT-PFA200-W
- Pole Mount - MNT-PM3 + BASE-138-W or MNT-PM152-E + MNT-PFB211WA
- Ceiling Mount - MNT-PFB200C + PLA-101-W
- Coax to ePoE Converter - LR1002

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