



ZENON-4s-DF5-IXV-W-2.8

The ZENON-4s-DF5-IXV-W-2.8 is 5MP 2.8mm Fixed IP67/IK10 Vandal Proof AI Dome with enhanced starlight technology. It has a Smart IR Viewing Distance of up to 50m, 120dB rated True WDR and 1 in/1 out Alarm/Audio interfaces.

Utilizing a Ambarella SoC the ZENON-4s-DF5-IXV-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.

Also incorporated are vastly improved deep learning algorithms which enable increased accuracy in the cameras' intelligent detection functions by implementing human and vehicle classification into Tripwire and Intrusion alarms, greatly reducing false alarms by up to 98%. Parking/Loitering/Gathering detection can also be utilised from this type of alarm event.

Other available intelligent features include Face Capture, line cross and region based people counting, queue management, stay time, heat map and abandoned/missing object.



PERFORMANCE

Image Sensor	1/2.7" CMOS
Chipset	Ambarella
RAM/ROM	512MB / 128MB
Effective Pixels	2592H) x 1944(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)	3
- Main Stream	2592 x 1944 (1~20FPS)
- Sub Stream	D1 (1~20/30FPS)
- Third Stream	1080P (1~17FPS)
Bit Rate	32 ~ 8,192Kbps (H.265) 19 ~ 8,192Kbps (H.264)
Blacklight Compensation	BLC / HLC
Wide Dynamic Range	WDR (120dB)
White Balance	Auto / Manual / Preset
Gain Control	Auto / Manual
Noise Reduction	3D DNR
Privacy Masking	4 areas
Special Functions	ePoE

LENS

Focal Length	2.8mm
Max Aperture	Fixed
Focus Control	F1.6
Angle of View	H: 102°, V: 71°
Detect (DORI)	25px/m - Wide = 56m
Observe (DORI)	63px/m - Wide = 22m
Recognize (DORI)	125px/m - Wide = 11m
Identify (DORI)	250px/m - Wide = 6m

DAY & NIGHT

Min. Illumination	Colour 0.005 Lux @ F1.6 0 Lux @ F1.6 (IR On)
Day/Night	Auto (ICR) / Colour/ B&W
IR Distance	50m (Smart IR)

CONNECTIVITY

Ethernet	1 - RJ45 (10/100Base-T)
Analogue Port	-
Alarm Input	1 (5mA, 5vDC)
Alarm Output	1 (300mA, 12vDC)
Audio Input	1
Audio Output	1
RS-485	-
Memory Slot	Micro SD (Max 256GB)

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,
Trigger Mode	Manual / Auto (alarm triggered)
Trigger Event	Manual / Auto (alarm triggered)

ENVIRONMENTAL

Power	12v DC (±30%), PoE (802.3af, Class 0)
Consumption	12V: 2.7/5.4W (IR On) POE: 3.2/6W (IR On)
Working Environment	-40°C~60°C / Less than 95%RH
Ingress Protection	IP67
Vandal Protection	IK10
Casing Material	Metal
Dimensions	Ø122 x 88.9mm
Weight	0.46kg NET / 0.62kg Gross

ACCESSORIES (OPTIONAL)

Junction Base - BASE-137-W	Ceiling Mount - MNT-200C
Pole Mount- MNT-203-W + MNT-PM152-E	
Wall Mount- MNT-203-W	
Rain Shield - MNT-PFA200-W	Coax to Ethernet Converter - LR1002