

OPTIC-5s-DF5-IV-W-2.8

The OPTIC-5s-DF5-IV-W-2.8 is 5MP 2.8mm Fixed IP67/IK10 Vandal Proof Lite AI Dome with basic starlight technology. It has a Smart IR Viewing Distance of up to 30m and 120dB rated True WDR. Basic starlight technology offers low-light performance for applications with a minimum illumination of 0.008 to 0.009 lux, ideal for moderately dark areas such as those with streetlight coverage. With True 120db WDR on the camera, it helps provide even illumination to all areas within a scene.

Utilizing a Ambarella SoC the OPTIC-5s-DF5-IV-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 in the OPTIC-5s-DF5-IV-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 Technology



5MP Resolution



SMART H.265 Compression



30m IR



Intelligent Detection

● PERFORMANCE

Image Sensor	1/2.7" CMOS
Chipset	Ambarella
RAM/ROM	256MB / 128MB
Effective Pixels	2592H) x 1944(V)
Video Compression	H.265+, H.264B, H.264H, H.264
Audio Compression	-
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.264) 12 ~ 8,192Kbps (H.265)
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	-

● LENS

Focal Length	2.8mm
Max Aperture	Fixed
Focus Control	F1.6
Angle of View	H: 103°, V: 71°
Detect (DORI)	25px/m - Wide = 56m
Observe (DORI)	63px/m - Wide = 22.4m
Recognize (DORI)	125px/m - Wide = 11.2m
Identify (DORI)	250px/m - Wide = 5.6m

● DAY & NIGHT

Min. Illumination	Colour 0.008 Lux @ F1.6 0 Lux @ F1.6 (IR On)
Day/Night	Auto (ICR) / Colour/ B&W
IR Distance	30m (Smart IR)

● CONNECTIVITY

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

● ENVIRONMENTAL

Power	12v DC (±30%), PoE (802.3af, Class 0)
Consumption	6.1W (IR On)
Working Environment	-40°C~60°C / Less than 95%RH
Ingress Protection	IP67
Vandal Protection	IK10
Casing Material	Metal
Dimensions	Ø109.9 x 81mm
Weight	0.350kg NET / 0.491kg Gross

● ACCESSORIES (OPTIONAL)

Junction Base - BASE-136-W	Ceiling Mount - MNT-200C
Pole Mount- MNT-203-W + MNT-PM152-E	
Wall Mount- MNT-203-W	
Rain Shield - MNT-PFA200-W	