

## 8MP Fixed Starlight IR Dome Camera

IV-EFD8100



### KEY FEATURES

- ▶ Metal+Plastic Housing
- ▶ Up to 3840x2160@20fps
- ▶ S+265/H.265/H.264/M-JPEG
- ▶ Min.illumination Color: 0.002Lux@F1.6
- ▶ 120dBWDR
- ▶ Smart IR, IR Range: 30m
- ▶ Support tripwire and perimeter
- ▶ Built-in Mic, support max 512G Micro SD Card
- ▶ Operating Conditions -40°C-65°C, 0-95% RH
- ▶ DC12V, POE
- ▶ IP67, IK10

# 8MP Fixed Starlight IR Dome Camera



## SPECIFICATIONS

Camera	
Image Sensor	1/2.8"CMOS
Min. Illumination	Color: 0.002Lux@(F1.6,AGC ON), B/W: 0lux with IR
Shutter Time	1s-1/100000s
Day&Night	IR-cut filter with auto switch (ICR)
WDR	120dB
S/N	≥42dB
Angle Adjustment	0-330°;0-75°;0-350°
Lens	
Lens Type	Fixed
Focal Length	2.8mm
Lens Mount	M12
Aperture Range	F1.6,Fixed
Field of View	105.3°(H),56.9°(V);119.7°(D)
DORI Distance	Detect: 77m Observe: 30.5m Recognize: 15.5m Identify: 7.5m
Illuminator	
IR LEDs	8
IR Distance	30m
Wavelength	850nm
White LEDs	N/A
Whitelight Distance	N/A
Compression Standard	
Video Compression	S+265/H.265/H.264B/H.264M/H.264H/Motion JPEG
Video Bit Rate	32k-16Mbps
Audio Compression	G.711A/G.711U/ADPCM_D/AAC_LC
Audio Sampling Rate	8kHz/32kHz/48kHz

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Image	
Max. Resolution	3840x2160@20 fps
Main Stream	PAL: 20 fps (3840x2160,3072x2048) ..... 25 fps (2560x1440,2304x1296,1920x1080,1280x720) NTSC: 20 fps (3840x2160,3072x2048) ..... 30 fps (2560x1440,2304x1296,1920x1080,1280x720)
Sub Stream	PAL: 25 fps (704x576,704x288,352x288,640x360) NTSC: 30 fps (704x480,704x240,352x240,640x360)
Third Stream	PAL: 25 fps (704x576,704x288,352x288,640x480) NTSC: 30 fps (704x480,704x240,352x240,640x360)
BLC	Yes
HLC	Yes
AGC	Yes
3D DNR	Yes
White Balance	Auto/Semi-auto/Manual/Sunny/Natural light/Warm light/Sodium lamp/Incandescent lamp/Locked white balance
ROI	8 regions
Corridor mode	Yes
EIS	N/A
OSD	5regions;16*16/32*32/48*48/64*64/96*96
Picture Overlay	1 region
Privacy Mask	4 regions
Defog	Yes
Feature	
Alarm Trigger	Motion Detection;Mask Alarm;Voltage Alarm;Disk Full;Disk R/W Error;IP Address Conflict;MAC Address Conflict;FTP Server Exception
Linkage Method	send email;trigger recording;trigger capture;notify surveillance center
Video Analytics	Human/Vehicle Classification;Tripwire;Perimete

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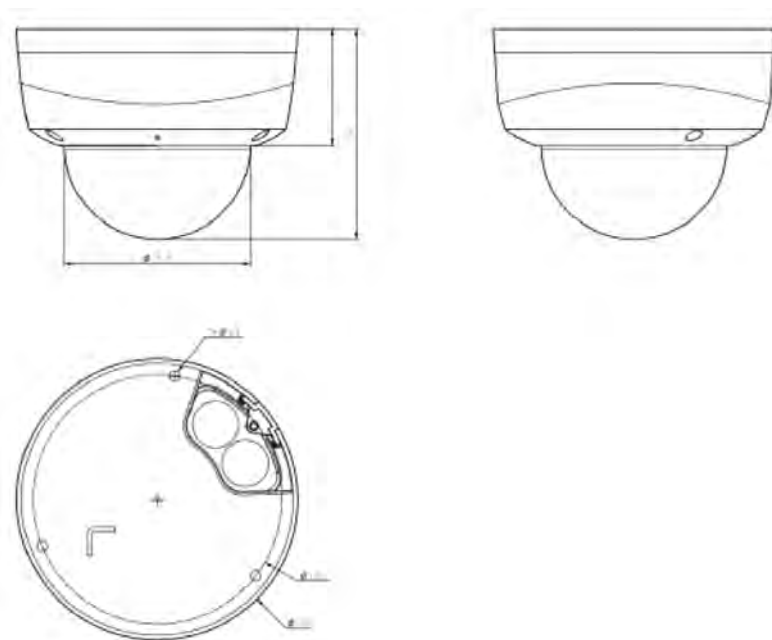


Rules of behavior analyse in 1 scene	8
Early Warning(EW)	N/A
Auto-Tracking	N/A
Face Mode	N/A
Face Detection Performance	N/A
<b>Network</b>	
ANR	ANR
Protocols	HTTP;HTTPS;TCP/IP;UDP;UPnP;ICMP;IGMP;SNMP;DHCP;DNS;DDNS;Easy DDNS;NTP;SMTP;SSL;802.1X;QoS;IPv4;1Pv6;PPPOE;SSH;Unicast;Multicast;RTCP;ARP;SRTP;RTSP;FTP;SFTP;NAS
System Compatibility	onvif Profile S/T/G;CGI;MIL STONE;RTMP
Remote Connection	≤2
Client	Easy7 Smart Client
Mobile client	Easylive Plus
Web	IE10+;Firefox52+;Edge89+;Safari11+;Chrome57+
<b>Interface</b>	
Communication Interface	1 RJ4510M/ 100M self adaptive Ethernet port
Audio I/O	N/A
Alarm I/O	N/A
Built-In Mic	Yes
Built-In Speaker	N/A
Reset Button	Yes(built-in)
On-board storage	Built-in Micro SD card slot, up to 512 GB
Additional interfaces	N/A
<b>General</b>	
Web Client Language	19languages Chinese/English/Spanish/Korean/Italian/Turkish/Russian/Thai/French/Polish/Dutch/Hebrew/Arabic/Vietnamese/German/Ukrainian/Portuguese/Albanian
Operating Temperature	-40°C-65°C
Operating Humidity	0-95%
Strong Temperature	-40°C-65°C
Strong Humidity	0-95%(non-condensing)
Power Supply	DC12V±25%,MAX 6W;POE 802.3af,MAX 7.5W
Protection	Surge protection 2000V;Lightning proof 6000V;IP66;1K10
Boundary Dimension	120(L)120(W)90(H)mm
Package Dimension	140(L)140(W)120(H)mm
GrossWeight	0.61kg
NetWeight	0.41kg

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## DIMENSIONS (Unit: mm)



## ACCESSORIES



A35



A36



A29



A25