



# 8MP RS Series Ultra Low Light Fixed Eyeball Network Camera

## IV-DEF28UL8MP-RS

### Features:

- Imaging Device: 1/2.7" sensor
- Resolution: 8MP 3840(H)×2160(V)
- Illumination: 0.007 lux (color), 0 lux (IR on)
- Lens: 2.8mm, fixed (M12/F1.0)
- Field of View: Horizontal 110°, Vertical 58°, Diagonal 131°
- IR Range: Up to 25m, WarmLight up to 20m
- Smart Features: Face, vehicle, and object detection, intrusion, line crossing, heat map, and more
- Operating Conditions: -30°C to +60°C, ≤ 90% humidity
- Protection: IP67, dust and water resistant.



Model name	IV-DEF28UL8MP-RS
Imaging Device	1/2.7"
Effective Pixels	8MP 3840(H)×2160(V)
Min. Illumination	Color 0.007lux @ F1.0(AGC ON) ; B/W 0 lux @ IR ON
Focal Length (Zoom Ratio)/Max. Aperture Ratio	2.8 mm/F No. 1.0
Angular Field of View	Horizontal: 110°, Vertical: 58°, Diagonal: 131°
Min. Object Distance	2m
Lens Type	Fixed(M12/F1.0)
IR LED	1
WarmLight	2
Red Blue Light	2 (1 Red&1 Blue)
IR Viewable Length/WarmLight Viewable Length	Up to 25m/Up to 20m
Wide Dynamic Range	DWDR
Image Setting	Full Color Mode/Day&Night Mode/Smart Illumination
White Balance	Auto/Manual
Electronic Shutter Speed	1/5 ~ 1/20000s
On-Board Storage	Micro SD slot, up to 256GB
Audio	Built-in microphone&Speaker
Hardware Reset	Yes
Smart Feature	PID,LCD,SOD,PD/VD,FD,CC,CD,QD,HM,RSD,LPD
Ethernet	RJ45(10/100BASE-T)
Video Compression Format	H.265/H.265+/H.264/H.264+/MJPEG
Max.Resolution	8MP(3840x2160)@20fps
Video Quality Ajustment	256Kbps ~ 8Mbps
Protocol	TCP/IP,HTTP,DHCP,DNS,DDNS,RTP/RTSP,SMTP,NTP,UPnP,SNMP,HTTPS,FTP
Application Programming Interface	ONVIF( Profile S/G/T)
Operating Conditions	-35 ~ +60°C/less than ≤ 90% RH
Ingress Protection	IP67
Input Voltage / Current	D12V/POE(IEEE802.3af)
Mechanical	Metal