



Product Data Sheet

Model : OPT-RY-8MD-3030-AI-WDR-25F

**8MP 4K WDR PRO SERIES 25 FRAME RATE VANDAL PROOF
IP NETWORK CAMERA**

Video

Imaging Device	1/2.7"
Effective Pixels	8MP 3840(H)×2160(V)
Scanning System	Progressive CMOS
Min. Illumination	Color 0.009lux @ F1.6(AGC ON) ; B/W 0 lux @ IR ON

Lens Type

Focal Length (Zoom Ratio)	2.7-13.5mm
Max. Aperture Ratio	F No. 1.8(W) ~ 3.3(T)
Angular Field of View	Horizontal:116(W)-34(T) °, Vertical: 59(W)-19(T)°, Diagonal: 142(W)-39(T)°
Min. Object Distance	0.8m(W) ~ 1m(T)
Lens Type	Motorized(Ø14)

Operational

IR Viewable Length	Up to 30m
Camera Title	On/Off
Day & Night	IR cut filter with auto switch (Day/Night/Auto/Image/Schedule)
Backlight Compensation	Off/On (5 Zone)
Wide Dynamic Range	DWDR
Digital Noise Reduction	3D DNR
Motion Detection	Off/On (8 Level)
Privacy Masking	Off/On (4 Zone, Rectangle)
Gain Control	Auto
White Balance	Auto/Manual
Electronic Shutter Speed	1/5 ~ 1/20000s
On-Board Storage	Micro SD slot, up to 256GB
Alarm	1 input, 1 output
Audio	1 input (RCA), 1 output (RCA)
Hardware Reset	Yes
Smart Feature	Face Recognition, Pedestrian & Vehicle , Perimeter Intrusion, Line Crossing , Object Detection, Crossing Counting, Heat Map, Crowd Density , Queue Length , License Plate , Rare Sound, Intrusion, Region Entrance, Region Exiting

Network

Ethernet	RJ45(10/100BASE-T)
Video Compression Format	H.265/H.264
Resolution	"Main Stream 8MP(3840x2160),5MP(2592x1944,3072x1728), 4MP(2592x1520),3MP(2304x1296),1080P(1920x1080), 960P (1280*960),720P(1280x720), Sub Stream 1080P(1920x1080), 720P(1280x720),VGA(640x480) Mobile Stream VGA(640x480), QVGA (320x240)
Video Quality Adjustment	256Kbps ~ 16Mbps
Bitrate control method	CBR/VBR
Streaming Capability	Triple-Stream(Main/Sub/Moile)
Protocol	"TCP/IP,HTTP,DHCP,DNS,DDNS,RTP/RTSP, SMTP,NTP,UPnP,SNMP,HTTPS,FTP"
Web browser	"IE10/11 Safari V12.1 above Firefox V.52 above Google chrome V.57 above Edge V.79 above"
Security	IP address filter;complicated password;Authenticated username and password
Streaming Method	Unicast/Multicast
Application Programming Interface	ONVIF(Profile S/G/T/M)

Environmental

Operating Conditions	-35~+55°C/less than ≤ 90% RH
Ingress Protection	NA

Electrical

Input Voltage / Current	D12V/POE(IEEE802.3af)
Power Consumption	4W-5W

Mechanical

Material	Plastics
Dimensions (HxWxD)	150*109mm
Weight	451g