OPTIER TECHNOLOGY



Product Data Sheet
Model : OPT-RY-8MB-3680-AI-WDR-30F
OPTIER Professional 8 MP AI Motorized Bullet Network Camera WDR-30F

Video

Imaging Device	1/2.8"
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)	5 ~ 50 mm
Max. Aperture Ratio	F No. 2.0±5%
Angular Field of View	Horizontal: 49-7°, Vertical: 27-4°, Diagonal: 57-8°
Min. Object Distance	0.2m~∞
Lens Type	Motorized(Ø14)

Operational

IR Viewable Length	Up to 80m
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	WDR
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）
Max. Framerate	"50Hz: 25fps@8MP 60Hz: 30fps@8MP"
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"
Streaming Method	Unicast/Multicast
Application Programming Interface	ONVIF(Profile S/G/T/M)

Environmental

Operating Conditions	-35～+60°C/less than ≤ 90% RH
Ingress Protection	IP67

Electrical

Input Voltage / Current	D12V/POE(IEEE802.3af)

Mechanical

Material	Metal