

3MP IR Smart Dual Light Network Bullet Camera



- 3MP 1/2.9" CMOS Image Sensor
- Output Max. 3MP: 2304*1296@25/30fps, H.265+, H.264+
- 2.8mm / 3.6mm / 6.0mm Fixed Focal Lens,
- IR Light: Max. 40M, Warm Light: Max. 30M
- DC12 V / PoE
- IP67 Protection

Model No.	CB-RD301P				
Camera					
Image Sensor	1/2.9" Progressive CMOS Image Sensor				
Max. Resolution	3MP, 2304(H)*1296(V)				
Shutter Speed	Auto (1/25s ~ 1/1000s)				
Minimum Illumination	0.01Lux(Color), 0.001Lux (B/W), 0Lux (IR on)				
S/N Ratio	≥ 56dB				
Day / Night	Auto, Dual IR-Cut Filter, D/N Sensitive Switch / Mixed Mode Switch				
Illumination Distance Range	IR Light: Max. 40M, Warm Light: Max. 30M,				
Illuminator Control	Auto / Manual				
Angle Adjustment	Pan: 0° to 360°, Tilt: 0° to 90°, Rotate: 0° to 360°				
Lens					
Lens	2.8mm / 3.6mm / 6.0mm Fixed Focal Lens				
Max. Aperture Ratio	F No. 2.0				
Min. Object Distance	2M				
Lens Mount	M12				
Max. Aperture	F2.0				
Iris Type	Auto Iris				
Focal Length & FOV					
Lens	2.8mm	3.6mm	6.0mm		
Angle of View (H)	111°	90°	54°		
Angle of View (V)	59°	48°	29°		
Angle of View (O)	134°	108°	63°		
DORI					
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	2.8mm	44.1	17.7	8.8	4.4
	3.6mm	58.9	23.6	11.8	5.9
	6.0mm	82.8	33.1	16.6	8.3
Intelligence					
Humanoid Detection	Supported				

Smart Motion Detection	Supported
Perimeter Protection	N/A
Object Detection	N/A
People Counting	N/A
Heat Map	N/A
AI Search	N/A
Video	
Max Resolution	3MP: 2304(H)*1296(V)@25/30fps
Stream Capability	2 Streams
Video Frame Rate	Main Stream: 3MP@1fps~25/30fps, Sub Stream: D1@1fps~25/30fps,
Video Compression	H.265, H.264H, H.264M, H.264B
Bit Rate Control	CBR / VBR
Video Bit Rate	H.265: 1792 Kbps~4 Mbps / H.264: 1792 Kbps~4 Mbps
OSD	Minimum 4 OSDs
Day/Night	Color / B/W
BLC	BLC Supported
HLC	HLC Supported
WDR	DWDR ≥ 120dB
White Balance	Supported
Gain Control	Auto / Manual
Noise Reduction	3D NR (Auto / Manual)
Motion Detection	OFF/ON (4 Areas, Rectangular)
Image Rotation	0° / 180°
Mirror	Supported
Privacy Mask	Up to 4 Areas (programmable polygon privacy masks)
Alarm	
Alarm Event	Disconnection; IP Conflict; No SD Card; Capacity Warning; SD Card Error
Linkage	FTP / E-mail, Notify Surveillance Center, Trigger Recording, Trigger Capture
Snapshot	Support JPEG Format
Security Features	Password
OSD	Channel Name, Date & Time, Image Overlay
Storage	Support FTP Storage
Network	
LAN Ports	RJ45*1, 10M /100M Base-T
Network Protocol	DHCP, DNS, DDNS, FTP, HTTP, HTTPS, ICMP, IGMP, IPv4, IPv6, NTP, ONVIF, P2P, PPPOE, QoS, RTP, RTSP, SMTP, SNMP, TCP/IP, UDP, UPnP, 802.1X
Protocol	ONVIF / CGI / P2P
Simultaneous Live View	Up to 16 channels
API	Open Network Video Interface Profile S, G, T, SDK
Video Management Software	IE / Web / PC Client Software / App
Mobile Client	iOS, Android

Web Browser	Plug-in required live view: IE 10+, Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Local service: Chrome 57.0+, Firefox 52.0+
Smooth Streaming	Yes
General Parameter	
Case	Metal for Indoor & Outdoor
Protection Level	IP67
Temp. / Humidity	-30°C to +60°C (-22°F to +140°F)/Less than 95% RH
Storage Conditions	-40°C to +60°C (-40°F to +140°F)
Power Consumption	Max. 3W
Power Supply	DC12V 2A / POE (IEEE802.3af)
Lightning Protection	Power, Network, POE all Lightning Protection, Rating Surge Voltage: 6KV(10/700μs)
Dimension / Weight	170(L)*70(W)*70(H)mm / 0.5KG
Approvals	
Certification	CE / FCC / RoHS
ISO	ISO9001