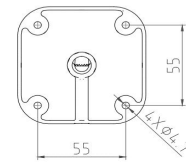
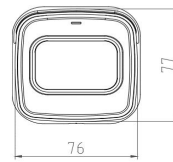
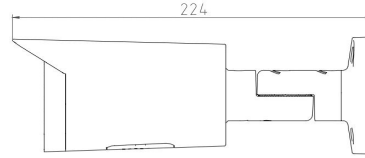


## 8MP IR Day & Night Network Bullet Camera



- 8MP 1/2.7" CMOS Image Sensor, Excellent Low Luminance Performance & High Definition of images.
- Outputs Max. 8MP: 3840\*2160@20fps, H.265 Code, High Compression Rate, Ultra Low Bit Rate.
- 2.8mm / 3.6mm / 6.0mm Fixed Focal Lens, IR Light: Max. 60M.
- ROI, SMART H.264 +/H.265+, AI H.264/H.265, Flexible Coding, Applicable to various bandwidth and storage environments.
- Rotation Mode, WDR, 3DNR, HLC, BLC, Digital Watermarking, Applicable to various monitoring scenes.
- Perimeter Protection: Intrusion, Tripwire (Support the classification & Detection of Human, Vehicle & Non-Motor).
- Abnormality Detection: Smart Motion Detection, Face Detection, People Counting.

Model No.	CB-RD804P
<b>Camera</b>	
Image Sensor	1/2.7" Progressive CMOS Image Sensor
Max. Resolution	8MP, 3840(H)*2160(V)
RAM & Flash	256MB RAM / 128MB ROM
Minimum Illumination	0.006Lux(Color), 0.0006Lux (B/W), 0Lux (IR on)
Shutter Speed	1/3 s to 1/100, 000 s
Day / Night	Auto, Dual IR-Cut Filter, D/N Sensitive Switch / Mixed Mode Switch
Illumination Distance Range	IR Light: Max. 60M
Illuminator Control	Auto / Manual
Smart IR	Supported
S/N Ratio	≥ 56dB
Angle Adjustment	Pan: 0° to 360°, Tilt: 0° to 90°, Rotate: 0° to 360°
<b>Lens</b>	
Lens	2.8mm / 3.6mm / 6.0mm Fixed Focal Lens
Max. Aperture Ratio	F No. 1.6
Min. Object Distance	2M
Lens Mount	M12
Max. Aperture	F1.6
Iris Type	Auto Iris
<b>Focal Length &amp; FOV</b>	

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°		
<b>DORI</b>					
	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
DORI Distance	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
<b>Intelligence</b>					
Face Detection	Supported				
Smart Motion Detection	Supported				
Perimeter Protection	Intrusion, Tripwire (support the classification of Human and Vehicle & Non Motor)				
Video Metadata	N/A				
People Counting	Supported				
Heat Map	Supported				
AI Search	Work together with NVR				
<b>Video</b>					
Max Resolution	8MP: 3840*2160P@20fps				
Stream Capability	3 Streams				
Video Frame Rate	Main Stream: 8MP@1fps~20fps, Sub Stream: D1@1fps~25/30fps, Third Stream: 720P@1fps~25/30fps				
Video Compression	H.265, H.264H, H.264M, H.264B				
Smart Compression	H.265+, H.264H+, H.264M+, H.264B+,				
Bit Rate Control	CBR / VBR				
Video Bit Rate	H.265: 3 Kbps~20480 Kbps / H.264: 3 Kbps~20480 Kbps				
U-code	Supported				
Scalable Video Coding (SVC)	H.265 and H.264 Encoding (H.265+ (Ultra H.265)/H.265/H.264+/H.264/MJPEG)				
OSD	Minimum 4 OSDs				
Day/Night	Color / B/W				
BLC	BLC Supported				
HLC	HLC Supported				
FLC	FLC Supported				
WDR	True WDR ≥ 140dB				
White Balance	Auto / Lock White Balance / Fluorescent Lamp / Filament Lamp / Fluorescent Lamp / HM				
Gain Control	Auto / Manual				
Noise Reduction	3D NR (Auto / Manual)				
Motion Detection	OFF/ON (4 Areas, Rectangular)				
Image Rotation	Normal / Vertical / Horizontal / 0° / 90° / 180°				
Mirror	Supported				
Privacy Mask	Up to 4 Areas (programmable polygon privacy masks)				

ROI	Support 8 Areas
Corridor Mode	Supported
Corridor Pattern	Standard / Gorgeous
Image Control	Brightness, Contrast, Saturation, Sharpness
Gain Control	Auto
Penetrating Fog	Supported
Vernier Focusing	Supported
All Electric Rectifier	Supported
<b>Audio</b>	
Audio Encoding	G.711a, G.711Mu, G.726, G.726ASF
Audio Bite Rate	Minimum 64 Kbps or Higher
Reduce Echo	Supported
Noise Filtering	Supported
Built-in MIC	Supported
Built-in Speaker	Supported
Two-way Audio	Supported (Built in Microphone & Speaker)
Other Audio Function	Support Auto Gain, Audio Input/Output Volume
<b>Alarm &amp; Event</b>	
Arming/Disarming	N/A
Sound Alarm	Supported
Light Alarm	N/A
Alarm Event	Disconnection; IP Conflict; No SD Card; Capacity Warning; SD Card Error
Linkage	FTP / Memory Card E-mail, Notify Surveillance Center, Trigger Recording, Trigger Capture
Snapshot	Support JPEG Format
Security Features	Password, Watermark
OSD	Channel Name, Date & Time, Image Overlay
Storage	Support FTP Storage
<b>Network</b>	
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
User/Host	20 User (Total bandwidth: 80M), 2 user levels: administrator and user
Security	Password Protection, Complicated Password, HTTPS Encryption, 802.1X Authentication (EAP-MD5), Watermark, Basic and Digest, Authentication for HTTP/HTTPS, WSSE and Digest Authentication for Open Network Video Interface, RTP/RTSP over HTTPS, Security Audit log, TLS 1.2, TLS 1.3, Host Authentication (MAC address)
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
<b>Interface</b>	
Audio Input / Output	Optional
Alarm Input / Output	Optional
Storage	Support Max. 256G Micro SD / SDHC / SDXC(FAT32), FTP
<b>General Parameter</b>	
Case	Metal for Indoor & Outdoor
Protection Level	IP67, IK10
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	Basic: 2.5W, Max. 5.2W
Power Supply	DC12V 2A / POE (IEEE802.3af)
Lightning Protection	Power, Network, POE all Lightning Protection, Rating Surge Voltage: 6KV(10/700μs)
Dimension / Weight	224(L)*76(W)*77(H)mm / 0.8KG
<b>Approvals</b>	
Certification	CE / FCC / RoHS
ISO	ISO9001