

## 2MP 20x Zoom Camera Module



**Functions:**

- 1/2.8" Progressive Scan 2MP CMOS
- 5.5-110mm, 20x Optical Zoom
- Starlight technology

Camera	
Image Sensor	1/2.8" Progressive Scan 2MP CMOS
Minimum Illumination	Color:0.001 Lux @ (F1.5,AGC ON); B/W:0.0005Lux @ (F1.5,AGC ON)
Shutter	1/25s to 1/100,000s; Supports delayed shutter
Aperture	DC drive
Day/Night Switch	ICR cut filter
Digital zoom	16x
Lens	
Focal Length	5.5-110mm, 20x Optical Zoom
Aperture Range	F1.7-F3.7
Field of View	45-3.1° (wide-tele)
Minimum Working Distance	100mm-1500mm (wide-tele)
Zoom Speed	Approximately 3s (optical, wide-tele)
Compression Standard	
Video Compression	H.265 / H.264 / MJPEG
H.265 Type	Main Profile
H.264 Type	Baseline Profile / Main Profile / High Profile
Video Bitrate	32 Kbps~16Mbps
Audio Compression	G.711a/G.711u/G.722.1/G.726/MP2L2/AAC/PCM
Audio Bitrate	64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2)/16-64Kbps(AAC)
Image (Maximum Resolution: 1920*1080)	
Main Stream	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720); 60Hz: 30fps(1920 × 1080, 1280 × 960, 1280 × 720)
Third Stream	50Hz: 25fps (704 × 576); 60Hz: 30fps (704 × 576)
Image Settings	Saturation, Brightness, Contrast and Sharpness can be adjusted via the client-side or browse
BLC	Support
Exposure Mode	AE / Aperture Priority / Shutter Priority / Manual Exposure

## Modules Series | CB220

Focus Mode	Auto Focus / One Focus / Manual Focus / Semi-Auto Focus
Area Exposure / Focus	Support
Defog	Support
Image Stabilization	Support
Day/Night Switch	Automatic, manual, timing, alarm trigger
3D Noise Reduction	Support
Picture Overlay Switch	Support BMP 24-bit image overlay, customizable area
Region of Interest	Support three streams and four fixed areas
Network	
Storage Function	Support Micro SD / SDHC / SDXC card (256G) offline local storage, NAS (NFS, SMB / CIFS support)
Protocols	TCP/IP,ICMP,HTTP,HTTPS,FTP,DHCP,DNS,RTP,RTSP,RTCP,NTP,SMTP,SNMP,IPv6
Interface Protocol	ONVIF(PROFILE S,PROFILE G)
General	
Power consumption	2.5W MAX(IR, 4.5W MAX)
Weight	120g