

2MP 33x Zoom Camera Module



Functions:

- 1/2.8" progressive scan 2MP CMOS
- 5.5-180mm, 33x Optical Zoom
- Starlight technology
- Smart Features (Optional)

Camera Module	
Image Sensor	1/2.8" progressive scan 2MP CMOS
Min. Illumination	Color: 0.001 Lux @(F1.5, AGC ON);Black: 0.0005 Lux @(F1.5, AGC ON)
Shutter Time	1/25~1/100,000 s
Automatic Aperture	DC
Day& Night	ICR
Digital Zoom	16x
Lens	
Focal Length	5.5-180mm, 33x Optical Zoom
Aperture Range	F1.5-F4.0
Field of View	H: 60.5-2.3° (Wide - Tele)
	V: 35.1-1.3° (Wide - Tele)
Working Distance	100mm-1000mm (Wide - Tele)
Compression Standard	
Video Compression	H.265 / H.264 / MJPEG
H.265 encoding type	Main Profile
H.264 encoding type	Base Line Profile / Main Profile / High Profile
Video Bitrate	32 Kbps~16Mbps
Audio Compression	G.711alaw/G.711ulaw/G.722.1/G.726/MP2L2/PCM
Audio Bitrate	64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2)/16-64Kbps(AAC)
Image	
Main Stream Resolution	50Hz:25fps(1920×1080)、50fps(1920×1080)、25fps(1280×960)、25fps(1280×720) 60Hz:30fps(1920×1080)、60fps(1920×1080)、30fps(1280×960)、30fps(1280×720)
Sub Stream 1	50Hz:25fps(704×576)、25fps(352×288); 60Hz:30fps(704×480)、30fps(352×240)
Sub Stream 2	50Hz:25fps(1920×1080)、25fps(1280×960)、25fps(1280×720); 60Hz:30fps(1920×1080)、30fps(1280×960)、30fps(1280×720)

Modules Series | CB233

Image Setting	Corridor mode, saturation, brightness, contrast and sharpness can be adjusted by client or browser
Backlight Compensation	Support
Exposure Mode	Automatic exposure/aperture priority/shutter priority/manual exposure
Focus Control	Auto focus/one-time focus/manual focus
Area Exposure/Focus	Support
Defog	Support
EIS	Support
Day & Night	Auto(ICR) / Color / B/W
3D Noise Reduction	Support
Image overlay	Support BMP 24 bit image overlay, optional region
ROI	ROI supports one fixed region for each three-bit stream
Network Function	
Network Storage	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/CIFS)
Protocol	TCP/IP,ICMP,HTTP,HTTPS,FTP,DHCP,DNS,RTP,RTSP,RTCP,NTP,SMTP,SNMP,IPv6
Interface Protocol	ONVIF(PROFILE S,PROFILE G) ,GB28181-2016,OBCP
General	
Consumption	2.5W MAX
Weight	300g