

4MP 86x Zoom Camera Module



Functions:

- 1/1.8" progressive scan 4MP CMOS
- 10-860mm, 86x Optical Zoom
- Starlight technology

Camera	
Image Sensor	1/1.8" progressive scan 4MP CMOS
Min. Illumination	Color: 0.0005 Lux @(F2.1, AGC ON);Black: 0.0001 Lux @(F2.1, AGC ON)
Shutter Time	1/25 to 1/100,000 s
Auto aperture	PIRIS
Day& Night	ICR
Lens	
Focal Length	10-860mm, 86x Optical Zoom
Digital Zoom	16x digital zoom
Aperture Range	F2.1-F11.2
Field of View	38.4-0.48° (Wide - Tele)
Working Distance	1m-10m (Wide - Tele)
Zoom Speed	Approximately 8 seconds (optical, wide-angle-telephoto)
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.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	
Main Stream Resolution	50Hz: 25fps (2560*1440, 1920 × 1080, 1280 × 960, 1280 × 720); 60Hz: 30fps (2560*1440, 1920 × 1080, 1280 × 960, 1280 × 720)
Resolution of the third stream And frame rate	Independent of the main stream settings, the highest support: 50Hz: 25fps (704 × 576); 60Hz: 30fps (704 × 576)
Image Setting	Saturation, brightness, contrast and sharpness can be adjusted by client or browser
Backlight Compensation	Support, customizable area

Modules Series | CB486

Exposure Mode	Automatic exposure/aperture priority/shutter priority/manual exposure
Focus Control	Auto focus/one-time focus/manual focus/semi-auto focus
Area Exposure/Focus	Support
Defog	Support
EIS	Support
Day & Night	Automatic, manual, timing, alarm trigger
3D Noise Reduction	Support
Image overlay	Support BMP 24-bit image overlay, customizable area
ROI	Support three-bit stream, set 4 fixed areas respectively
Network Function	
Network Storage	Supports Micro SD/SDHC/SDXC card (256G) for offline local storage Storage, NAS (NFS, SMB/CIFS are all supported)
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
Intelligent computing power	1T
Interface	
External interface	36pin FFC (including network port, RS485, RS232, CVBS, SDHC, Alarm In/Out, Line In/Out, power supply)
General	
Working Environment	-30°C to ~60°C, Operating Humidity ≤ 95%
Power supply	DC12V ± 25%
Consumption	2.5W (11.5W MAX)
Dimensions	374*150*141.5mm
Weight	5190g

This datasheet is subject to change without prior notice. Please contact us to get the latest datasheet.