

ZCM2292D

92x 2MP Starlight Digital Camera Module (Excellent Compatibility for PT Unit Integration)



Outstanding Features

- Support Digital Signal LVDS and Network Signal Video Output
- Max Resolution: 2MP (1920×1080), Max Output: Full HD 1920×1080@60fps Live Image
- Starlight Low Illumination, 0.0005Lux/F1.4(Color), 0.0001Lux/F1.4(B/W) , 0 Lux with IR
- 92x Optical Zoom
- ICR Automatic Switching, 24 Hours Day and Night Monitor
- Excellent Low Illumination and Fine Image Quality
- Support Predictive Focus and Clear Image
- Support 3A Control (Auto White Balance, Auto Exposure, Auto Focus)
- Support Backlight Compensation, Automatic Electronic Shutter, Adapt to Different Monitoring Environment
- Support 3D Digital Noise Reduction, High Light Suppression, Electronic Image Stabilization, 120dB Optical Width Dynamics
- Supports Optical Defog, Maximum Improves The Foggy Image
- Support Bluetooth, WiFi and 4G Functions
- Support 256G Micro SD / SDHC / SDXC
- Optional Interfaces for Convenient Function Expansion
- Small Size and Low Power, Easy to Inset PT Unit, PTZ

Specifications

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Camera	Image Sensor	1/1.8" Progressive Scan CMOS
	Minimum Illumination	Color:0.0005 Lux @ (F1.4, AGC ON); B/W:0.0001Lux @ (F1.4, AGC ON)
	Shutter	1/25s to 1/100,000s; Support delayed shutter
	Aperture	PIRIS
	Day/Night Switch	ICR cut filter
	Digital zoom	8x
Lens	Focal Length	6.1-561mm, 92x Optical Zoom
	Aperture Range	F1.4-F4.7
	Horizontal Field of View	63.39-0.98 ° (wide-tele)
	Minimum Working Distance	100mm-3000mm (wide-tele)
	Zoom Speed	Approximately 7s (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 browser
	BLC	Support
	Exposure Mode	AE / Aperture Priority / Shutter Priority / Manual Exposure
	Focus Mode	Auto Focus / One Focus / Manual Focus / Semi-Auto Focus
	Area Exposure / Focus	Support
	Optical 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)
Interface	External Interface	36pin FFC (Network port, RS485, RS232, CVBS, SDHC, Alarm In/Out Line In/Out, power) LVDS
General	Working Temperature	-30°C ~ 60°C, humidity ≤ 95% (non-condensing)
	Power supply	DC12V ± 25%
	Power consumption	2.5W MAX (ICR, 4.5W MAX)
	Dimensions	175.5x75x78mm
	Weight	950g

Dimension

