

MODULE: ZCM4204



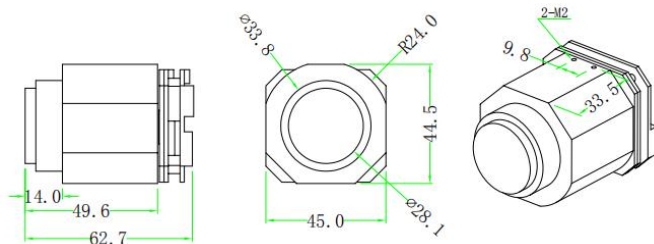
Application Range

Mainly suitable for CCTV,PTZ product development and integration.

Product Key Features

- 1T intelligent computing power, Supports deep algorithm learning to improve the performance of intelligent event algorithms
- Resolution :up to 2MP (2560*1440) ,Output Full HD :2560*1440@30fps Live Image.
- Support H.265/H.264/MJPEG Video Compression Algorithm ,Multi-level Video Quality Configuration and Encoding Complexity Settings
- Starlight Low Illumination, 0.0005Lux/F1.6(color),0.0001Lux/F1.6(B/W) ,0 Lux with IR
- 4X Optical Zoom, 16X Digital Zoom
- Support mobile detection
- Support 3-stream Technology, each stream can be independently configured with resolution and frame rate
- ICR automatic switching, 24 hours day and night monitoring
- Support Backlight Compensation, Automatic Electronic Shutter ,adapt to different monitoring environment
- Support 3D Digital Noise Reduction, High light Suppression, Electronic Image Stabilization, 120dB Optical Wide Dynamic
- Support 255 Preset,8 patrols
- Support Timed Capture and Event Capture
- Support One-click watch and One-click cruise functions
- Support 1 audio input and 1 audio output
- Built-in 1 alarm input and 1 alarm output, support alarm linkage function
- Support USB extend Micro SD / SDHC / SDXC card storage up to 256G
- ONVIF
- Rich interfaces for convenient function expansion
- Small size and low power consumption, easy to access PTZ

Dimensions



Order Model

ZCM4204

4X 4MP STARLIGHT HDIP CAMERA ZCM4204

Specifications	
Camera	
Image Sensor	1/1.8" Progressive Scan CMOS
Minimum Illumination	Color:0.0005 Lux @(F1.6, AGC ON);B/W:0.0001Lux @(F1.6, AGC ON)
Shutter	1/25s to 1/100,000s; Supports delayed shutter
Autoiris	DC
Day/Night Switch	IR cut filter
Digital zoom	16X
lens	
Focal Length	8-32mm, 4X Optical Zoom
Aperture Range	F1.6-F2.5
Horizontal field of view	40.26-14.34° (wide-tele)
Minimum Working distance	100mm-1500mm (wide-tele)
Zoom speed	Approximately 1.5s(optical lens, wide to 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: 2560*1440)	
Main Stream	50Hz: 25fps (2560*1440, 1920 × 1080, 1280 × 960, 1280 × 720); 60Hz: 30fps (2560*1440, 1920 × 1080, 1280 × 960, 1280 × 720)
Third Stream	50Hz: 25fps(704 × 576); 60Hz: 30fps(704 × 576)
Image settings	Corridor mode, saturation, brightness, contrast, sharpness adjusted by IE/ Client
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 fog	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	ROI supports three streams and four fixed areas
Network	
Storage function	Support USB extend Micro SD / SDHC / SDXC card (256G) disconnected local storage, NAS (NFS, SMB / CIFS support)
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, RTP, RTSP, RTCP, NTP, SMTP, SNMP, IP v6
Interface Protocol	ONVIF (PROFILE S, PROFILE G)

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Smart Features	
Intelligent computing power	1T
Interface	
External Interface	36pin FFC (Network port, RS485, RS232, SDHC, Alarm In/Out, Line In/Out, power)
General	
Working Temperature	-30°C~60°C, humidity≤95% (non-condensing)
Power supply	DC12V±25%
Power consumption	2.5W MAX (IR Maximum, 4.5W MAX)
Dimensions	62.7*45*44.5mm
Weight	110g

We will try our best to provide standard and comprehensive information, but will not be responsible for errors or omissions in the information. The product pictures are for reference only, and the actual products shall prevail.