

ZCM421000

100x 4MP Optical Image Stabilization Network Zoom Camera Module



Network zoom camera module is a fully integrated network block camera including Image sensor, long range zoom lens, video encoding, video analysis and network transmission functions. It is designed to be flexible embedded into PTZ cameras, bullet cameras, Pan/Tilt positioning cameras, AGV robot systems, UAV drones, etc. Linovision network zoom camera modules provide standard 36-pin cable and complete SDK/ISAPI protocols. It comes with intuitive WEB GUI and CMS software, and OEM is welcomed.

Outstanding Features

- Multi-axis optical image stabilization solves image shake caused by environmental vibrations
- 1T intelligent computing power, Supports deep algorithm learning to improve the performance of intelligent event algorithms
- Resolution up to 4MP (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/F1.4(color),0.0001Lux/F1.4(B/W) ,0 Lux with IR
- 100X Optical Zoom, 16X Digital Zoom
- Supports optical fog transmission, which greatly improves the foggy image effect
- 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 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

Specification

Camera	Image Sensor	1/1.8" Progressive Scan CMOS
	Minimum Illumination	Color:0.0005 Lux @(F,AGC ON);B/W:0.00012.1Lux @(F2.1,AGC ON)
	Shutter	1/25s to 1/100,000s; Supports delayed shutter
	Aperture	PIRIS
	Day/Night Switch	IR cut filter
LensLens	Digital zoom	16X
	Video Output	Network
	Focal Length	10–1000mm, 100X Optical Zoom
	Aperture Range	F2.1–F11.2
	Horizontal Field of View	38.4–0.41° (wide–tele)
Image (Maximum Resolution: 2560*1440)	Minimum Working Distance	1m–10m (wide–tele)
	Zoom Speed	Approximately 9s(optical lens, wide–tele)
	Main Stream	50Hz: 25fps (2560*1440, 1920 × 1080, 1280 × 960, 1280 × 720);60Hz: 30fps (2560*1440, 1920 × 1080, 1280 × 960, 1280 × 720)
	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 / One step / Manual/ Semi–Auto
	Area Exposure / Focus	Support
	Optical Defog	Support
	Image Stabilization	Support EIS and OIS
	Day/Night Switch	Automatic, manual, timing, alarm trigger
Network	3D Noise Reduction	Support
	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
AI Algorithm	Interface Protocol	ONVIF(PROFILE S,PROFILE G,PROFILE T)
AI Computing Power	1T	
Interface	External Interface	36pin FFC (Network port, RS485, RS232,SDHC, Alarm In/OutLine In/Out, power)
GeneralNetwork	Working Temperature	–30°C–60°C, humidity≤95%(non–condensing)
	Power supply	DC12V±25%
	Power consumption	2.5W MAX(11.5W MAX)
	Dimensions	374*150*141.5mm
	Weight	5190g

Dimensions

