

4K IP Camera Zoom Module

ZM-NV08-4K

IP Surveillance
Equipment

HD-SDI / 3G-SDI
Equipment

AHD / TVI / CVI
Equipment

HDMI / VGA
Equipment

Speed Dome Camera

Matrix Switcher Solutions



ZM-NV08-4K

Description Features:

- SoC Platform : Novatek Microelectronics Corp. (Taiwan)
- Support 4K / 3840x2160p 8 megapixels image resolution
- 25x Optical Zoom, 16x Digital zoom
- Extremely low light performance
- True WDR
- Onvif compliant

Video Access Technology Corp

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ZM-NV08-4K

IP Surveillance Equipment
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Specification	ZM-NV08-4K
Camera	
SoC Platform	Novatek Microelectronics Corp.(Taiwan) NT98529
Image Sensor	1/2.8-Type CMOS Image Sensor
Electronic Shutter	3840 x 2160
Min. Illumination	Color: 0.01 Lux (F1.5 AGC ON) , B/W: 0.001Lux (F1.5 AGC ON)
Electronic Shutter	1/10 ~ 1/100,000 sec
Lens type	DC Auto IRIS
Day/Night	Day/Night/Auto
Zoom	25x optical zoom, 16x digital zoom
Lense	
Focal Length	5.5mm (wide) ~ 137.5 mm(tele)
Aperture	F1.67 ~ F3.67
Horizontal field of view	Approx. 55.3°(wide) ~ 3.2°(tele)
Minimum Working Distance	100mm-1500mm (wide-tele)
Zoom Speed	Approximately 3.5s (optical, wide-tele)
Focus Mode	Auto, semi-auto, manual
Video	
Video Compression	Main Stram: H.265, H.264 Sub Stream: H.265, H.264 Third Stram: H.265, H.264
Main Stream	NTSC : 3840x2160_30fps, 2560x1440_30fps 1920x1080_30fps, 1280x960_30fps, 1280x720_30fps PAL : 3840x2160_25fps, 2560x1440_25fps 1920x1080_25fps, 1280x960_25fps 1280x720_25fps
Sub Stream	NTSC : 1280x720_30fps, 640x480_30fps, 352x240_30fp PAL : 1280x720_25fps, 640x480_25fps, 352x288_25fps
Third Stream	NTSC : 704x480_30fps, 640x480_30fps, 352x240_30fps PAL : 704x576_25fps, 640x480_25fps, 352x288_25fps
Scalable Video Coding	H.264 and H.265 encoding
Video Bit Rate	32kbps ~ 16Mbps
H.264 Type / H.265 Type	Baseline Profile, Main Profile, High Profile / Main Profile
Audio	
Audio Compression	G.711u, G.711a_law, G.722.1, AAC, MP2L2, PCM
Network	
Network Storage	NAS (NFS), auto network replenishment
Protocols	HTTP, DNS, RTSP, RTP, RTCP, TCP/IP, DHCP, SNMP, FTP
API	Open Network Video Interface Forum (Profile S, G)
Web Browser	IE Edge, Chrome, Safari

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BENESTON® | Data Sheet

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Specification	ZM-NV08-4K
Image	
Exposure Mode	Auto, Manual, Schedule
Image Enhancement	BLC, HLC, 3D DNR
Wide Dynamic Range	Support
Picture Overlay Switch	Support BMP 24-bit image overlay, customizable area
Defog	Support
Image Settings	Saturation, brightness, contrast, sharpness adjustable by web browser
Interface	
Interface	36pin FFC (Network port, RS485, RS232, Alarm In/Out Line In/Out, power)
On-Board Storage	Support micro SD/SDHC/SDXC card 256 GB, NAS (NFS, SMB / CIFS support)
Dome Drive	
Presets	255 Points
General	
Power Supply	DC12V±10% (PoE Optional)
Power consumption	8W(MAX)
Operating Temperature	-30°C ~ 55°C, Humidity 90% or less (non-condensing)
Storage Temperature	-30°C ~ 60°C
Dimensions	95.2 mm x 61.5 mm x 50 mm
Weight	255g
Approval	
Warranty	1-year warranty



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