

DIGIEYE CAM N2BM4W312RM

COMPACT BULLET 4MPX IR CAMERA



DIGIEYE CAM N2BM4W312RM thanks to the updating of H.265 encoding technology, offers high efficiency video compression. Save bandwidth and storage space, energy-saving design to improve the monitoring system. Meanwhile, the series offers features like Starlight, Smart IR technology, intelligent image analysis techniques.

It provides excellent image quality and reminders of intelligent and efficient events. This series offers protection features against vandalism IP67 weather resistant and IK10.

Wide Dynamic Range: Integrated with the industry-leading WDR (wide dynamic range) technology, vivid images are achieved even in the most intense contrast conditions
Intelligent Video System (IVS): With integrated intelligent video analysis, the camera is able to detect and analyze moving objects for better video surveillance.

Environmental: With a temperature range of -30 ° C to +60 ° C (-22 ° F to + 140 ° F), the camera is designed for environments with extreme temperatures.

Smart Encode (H.265 +): Providing high quality video without straining the network, Smart Encode H.265 + is the optimized implementation of H.265.

HEVC (H.265): H.265 ITU-T VCEG is a new video encoding standard. Improving compression efficiency, improving robustness and recovering errors, in real time to reduce delay, reduce time of channel acquisition and a random access delay, reduce complexity.

KEY FEATURES

- 1/3 "progressive scan CMOS
- Motorized lens 2.7 ~ 12mm
- 25fps / 30fps @ 4 MP (2592 * 1520)
- Triple streams
- Smart IR up to 30 m
- Low bitrate, excellent low-light performance
- WDR, 3D DNR
- ROI, Defog, HLC, corridor mode, DIS
- IP67

TECHBOARD
GROUP

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MULTI
BROWSER

IP

DATA
SHEETS

KEY FEATURES

Camera

Image Sensor	1/3" Progressive Scan CMOS
Effective Pixels	2592(H) × 1520(V)
Scanning System	Progressive
Electronic Shutter	1/5-1/20000s
Min. illumination	Color:0.05Lux@(F1.2,AGC ON) B/ W:0Lux@(IR LED ON)
S/N Ratio	55dB
IR Range	Up to 30m
IR On/Off Control	Auto/ Manual
IR LEDs	10pcs
Pan/Tilt/Rotation Range	Pan:0°~360°, Tilt:0°~90°, Rotation:0°~360°

Lens

Lens Type	Motorized
Iris	Auto Iris
Focal Length	2.7~12mm
F Number	F1.3
Angle of View	100° ~ 30°
Focus Control	Motorized
Close Focus Distance	0.2m

Video

Compression	H.265,H.264,MJPEG
Max. Resolution	4MP(2592 × 1520)
Streaming Capability	3 Streams
Stream / Frame Rate	Stream1: 2592 × 1520/2560 × 1440/2304 × 1296/ 1920 × 1080/1280 × 720 @25/30fps Stream2: D1/VGA/640 × 360/CIF/QVGA @25/30fps Stream3: VGA/CIF/QVGA @25/30fps
Bit Rate Control	CBR/VBR
Bit Rate	Stream1: 500kbps~12000kbps Stream2: 100kbps~6000kbps Stream3: 100kbps~3000kbps
Day/Night	ICR
Image Enhancement	HLC / Defog / WDR (120dB)
White Balance	Support
Gain Control	Auto/Manual
Noise Reduction	2D/3D DNR
Electronic Image Stabilization(EIS)	Support
Smart IR	Support
Mirror	Support

Region of Interest	Support
Motion Detection	Support
Privacy Masking	Support

Audio

Compression	G.711 ,RAW_PCM
Bit Rate	64kbps (G.711), 128kps (RAW_PCM)

Network

Protocols:	IPv4/IPv6, 802.1x, HTTP, HTTPS, TCP/IP, UDP/IP, RTSP, DHCP, NTP, RTCP/RTP, PPPoE, SMTP, DNS, UPnP, FTP, APR, SNMP
Interoperability	ONVIF
Streaming Method	Unicast
Max. User Access	10 Users
Web Viewer	<IE11, Chrome, Firefox
Management Software	IMS 3.0
Smart Phone	IOS, Android

Intelligence

IVS	Perimeter ,Single Virtual Fences ,Double Virtual Fences ,Loiter ,Multi Loiter ,Object Left ,Object Removed, Abnormal Speed ,Converse, Illegal Parking , Signal Bad
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Interface

Ethernet	1 Ethernet (10/100 Base-T) RJ-45 Connector
Audio Interface	1ch Audio In,1ch Audio Out
Alarm	N/A
RS485	N/A
BNC Output	Support
Reset Button	Support
Edge Storage	Micro SD, Max 128GB

Electrical

Power Supply	DC12V/POE
Power Consumption	3.5W(IR LED OFF), 8W (IR LED ON)
Operating Temperature	Starting Temperature: -30° C ~ 60° C (-22° F ~ 140° F) Working Temperature: -40° C ~ 60° C (-40° F ~ 140° F)
Operating Humidity	Less than 90% RH
Ingress Protection	IP67
Certifications	CE / FCC
Casing	Metal
Dimensions	264.5 × 82.7 × 80.3mm
Net Weight	830g



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DATA SHEETS



DIMENSIONS(MM)

