DNB16M2
2.1MP HD Motorized Varifocal Lens IR Bullet IP Camera

FLIR’s cutting-edge and convenient Motorized Lens Varifocal IR Bullet IP Camera provides an efficient alternative to manual lens adjustment as the camera’s Zoom & Focus can be adjusted without climbing a ladder, touching a screwdriver, or even being onsite. DNB16M2 incorporates a 3-9mm motor-operated varifocal lens to enable Remote Zoom - adjustable from a compatible FLIR NVR or from anywhere else in the world through the web interface. The AutoFocus is automatically fine-tuned to provide optimal image clarity based on the selected Zoom angle. Additionally, DNB16M2 features 2.1 MP HD resolution (real-time 1080p), PoE, Onvif 2.1 compliance, IP66 weatherproof housing, 80ft IR night vision, and MicroSD edge recording.

Features
- 2.1 MP HD, Sony Exmor™ 1/2.5” CMOS Progressive Scan
- 3-9mm varifocal motorized lens
- Remote zoom via FLIR NVR or web browser with AutoFocus
- 1080p picture quality at realtime (30 fps)
- CMS by FLIR included
- Dual streaming (H.264/MJPEG)
- ONVIF 2.1 compliant (backwards compatible)
- Compatible with popular third party VMS software*
- Power-over-Ethernet (PoE) operation, 14Watt max/12V DC option
- MicroSD card edge recording up to 32GB (microSD card not included)
- Mobile Apps – iPhone, iPad, Android
- 80ft (25m) IR Night Vision, True Day/Night (TDN)
- IP66 Weatherproof rated
- Multi-browser support: IE, Firefox, Safari, Chrome
- Advanced Digital Noise Reduction
- Free FLIR DDNS service
- Cable through bracket design
- 3 year warranty

FLIR CMS Software Included
Motorized Lens – Remote Zoom with AutoFocus

Motorized Lens Control Compatible with:
DNR200 & DNR300 Series FLIR NVRs. Plus web browser option

Connected
- iPhone™
- iPad™
- Android
- Onvif

*See flirsecurity.com/pro for the most updated list of third party VMS compatibility
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## Specifications

### Camera
- **Sensor/DSP:** 1/2.5” CMOS Progressive Scan
- **Day/Night:** True Day/Night with ICR Filter. High Powered IR LEDs
- **Resolutions and Max supported frame rate:** 1920x1080 Full HD 2.1MP at 30fps
- **Min. Illumination:** Color: 0.1 lux@F1.2 @F1.2, AGC on/ (0 Lux IR LED On)
- **Lens:** 3~9mm Vari-focal, Motorized
- **Horizontal Field of View:** 105° ~ 36°
- **IR LED:** 18 pc Super Flux LEDs
- **IR Distance:** 80 feet/25 Meters
- **Video Output:** RJ45, Setup/Service BNC Video Out
- **Electronic Shutter:** Auto/Manual 1/4 - 1/10,000S
- **Audio Compression:** G711 A-Law, G711 U-Law, RAW_PCM

### Audio
- **Input/Output:** 1 x RCA Input/1 x RCA Audio Output
- **Audio Compression:** G.711a/G.711u (64kbps)/PCM (128kbps)

### Auxiliary Interface
- **Edge Recording:** MicroSD - up to 32GB (not included)
- **Alarm:** 1ch IN/1ch OUT

### General
- **Power:** 12v DC, minimum 660mA
- **Power over Ethernet:** PoE Class 3, 14W max
- **Operating Temperature:** -20°C to 50°C
- **Approvals:** CE/FCC/RoHS Compliant/IP66
- **Product Dimensions:** 5.1 x 4.4”/130 x 112 mm
- **Product Weight:** 0.85kg/1.87lb

### Video
- **Compression:** H-264/MJPEG
- **Bit Rate:** H.264: 32K~8192Kbps, MJPEG: 32K~2048Kbps
- **S/N Ratio:** >50dB
- **Multi- Streaming:** User setting of Stream 1/2
- **Resolution:** 1080P(1920×1080) / 720P(1280×720) / D1(704×480) / CIF(352×240)
- **Backlight Compensation:** BLC / HLC / DWDR
- **Noise Reduction:** 2D
- **Gain Control:** Auto/Manual
- **Privacy Masking:** Up to 4 areas

### Network
- **Ethernet:** 1 Ethernet (10/100 Base-T) RJ-45 Connector
- **TCP/IP:** IPv4/IPv6
- **Compliance:** Onvif 2.1 (backward compatible)
- **Max. User Access:** 10 users
- **Smart Phone:** iPhone, iPad, Android
- **Protocol:** IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, QoS, Bonjour

### Dimensions
- **Product Information**
  - **UPC:** 8-41430-00874-3
  - **Weight:** 2kg/4.3lbs
  - **Package:** 361 x 173 x 175mm
  - **Dimensions:** (W x D x H) 14.2 x 6.8 x 6.9”
  - **Package Cube:** 0.011 cbm/0.039 cu ft

### What’s Included:
- **IP Camera**
- **Mounting Template**
- **Mounting Screws (x3)**
- **Drywall Anchors (x3)**
- **Allen Keys (x2)**
- **CD**
- **Quick Start Guides**