

3MP WDR IP Box Camera

Future-proof Technology

Telexper 3 Megapixel WDR IP Camera series supports full HD (2048x1536) resolution and efficient H.264 video compression, bringing the best solution for network video surveillance.

The IP cameras series with mechanical IR cut and day/night capability supports color at day and black & white at night. It supports PoE (Power over Ethernet), so there is no need for external power supply.

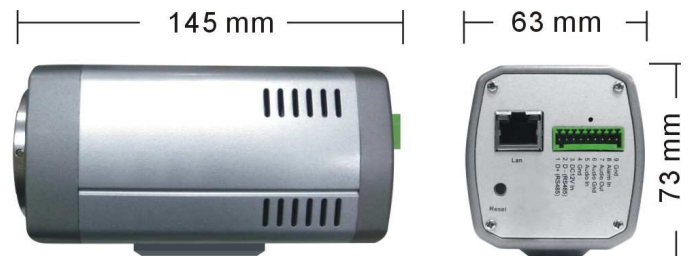
Its remote monitoring applications allow homeowners and businesses to view their camera(s) through any internet connection available through a computer or a 3G phone.



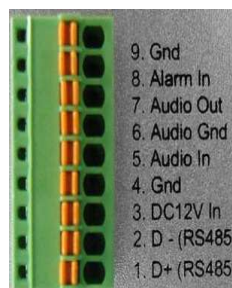
nCam-M3213

Features:

- 1/3" CMOS Progressive Scan
- Resolution of 2048x1536 @20fps
- Wide Dynamic Range
- PoE (IEEE802.3af, Power over Ethernet)
- True Day and Night (Mechanical IR Cut Filter)
- Supports C/CS Mount Lens
- H.264/MJPEG (SOC) dual-mode compression
- Built-in hardware motion detection
- Alarm Input x 1
- Two-way audio communication over IP networks
- Multi-streaming
- User-friendly GUI and no configuration is required
- Excellent heat dissipation
- IP66 weather-proof protection housing accessory is available



Optional Housing



Specification

Model	nCam-M3213
Image Sensor	1/3" CMOS Progressive Scan
Resolution & Rate	2048x1536 @ 20 fps
Video Codec	H.264/M-JPEG hardware (SOC) compression
Video Stream	H.264, Multiple Streams
Video Bit Rate	5M—6M bps
Sensitivity	0.1 Lux @ F1.4
S/N Ratio	> 41 dB
Electronic Shutter	1/5 to 1/30,000 sec.
Flickerless	Yes, 1/120 sec.(60Hz) 1/100 sec.(50Hz)
Anti Flicker	Yes
Exposure	Automatic
Back Light Compensation	Automatic
AGC	Automatic
White Balance	Automatic
WDR	Up to 100 dB
Motion Detection	Yes, 4 different areas (hardware)
Picture Resolution	2048x1536
Lens	CS Mount
Video Adjustment	Contrast, Brightness, Saturation, Sharpness (optional)
Day/Night	Yes, Mechanical IR Cut Filter
GPIO	Alarm in x 1
Control Interface	RS-485
2-Way Audio	Yes, (Audio In x1, Audio Out x1)
Operation System	Linux Embedded
Processor	ARM 9 ,32 bit RISC
Security	ID/ Password
Firmware Update	Yes, Remotely
Watch Dog Timer	Yes
Network Interface	RJ-45 (10/ 100/ 1000 Base-T)
Protocol	HTTP, TCP/ IP, UDP, SMTP, FTP, PPPoE, DHCP, DDNS, NTP, UPnP, RTSP/ RTP, TMSP
Power Requirement	PoE (IEEE802.3af) or 12VDC
Power Consumption	6.5W
Operating Temperature	-10°C to 50°C, 14°F to 122°F
Operation Humidity	5%--95%
Storage	-30°C to 70°C, -22°F to 158°F
Dimension (W x H x L)	63 x 73 x 145 mm
Software SDK	Available upon request

TMSP: Telexper Multiple Stream Protocol
(Specifications subject to change without prior notice)

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