

# Full HD 5MP IP Box Camera

## Future-proof Technology

The 5 Megapixel cameras series is ideal for many mission-critical scenarios requiring video with extremely high detail, or where objects need to be identified at a great distance.

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.

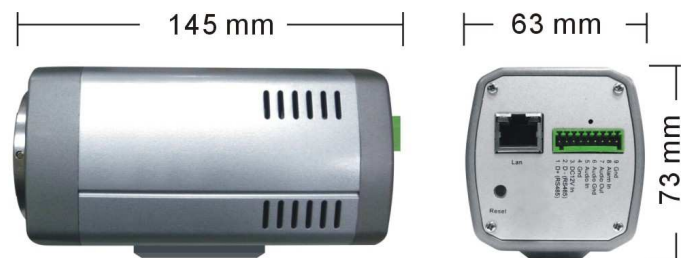
It provides round-the-clock, full HD (2048x1536) resolution, high quality H.264 video with Internet Protocol. Its remote monitoring applications allow homeowners and businesses to view their camera(s) through any internet connection available through a computer or a 3G phone.



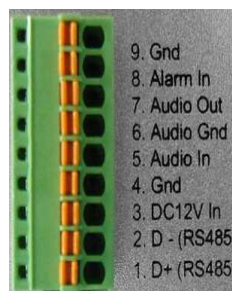
nCam-N3213

## Features:

- 1/3" CMOS Progressive Scan
- Resolution of 2592x1944 @14fps
- 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
- Metal Aluminum housing
- Excellent heat dissipation
- IP66 weather-proof protection housing accessory is available



Optional Housing



## Specification

Model	nCam-N3213
Image Sensor	1/3" CMOS Progressive Scan
Resolution & Rate	2592x1944 @14fps
Video Codec	H.264/M-JPEG hardware (SOC) compression
Video Stream	H.264, Multiple Streams
Video Bit Rate	6M—8M bps
Sensitivity	0.1 Lux @ F1.4
S/N Ratio	> 41 dB
Electronic Shutter	1/5 to 1/30000 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
Motion Detection	Yes, 4 different areas (hardware)
Picture Resolution	2592x1944
Lens	C or 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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