

H.264 1.3M IP Box Camera

Future-proof Technology

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. Options of fixed lens, manual and zoom vari-focal are available for different environments.

It provides round-the-clock, 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.



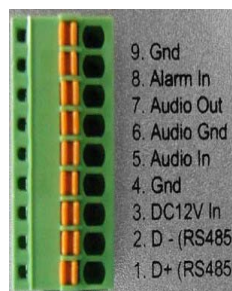
nCam-43213

Features:

- 1/3" CMOS Progressive Scan
- Resolution of 1280x1024, NTSC: 15 fps, PAL: 12.5 fps
- PoE (IEEE802.3af, Power over Ethernet)
- True Day and Night (Mechanical IR Cut Filter)
- Supports 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
- IP66 weather-proof protection housing accessory is available



Optional Housing



Specification

Model	nCam-43213
Image Sensor	1/3" CMOS Progressive Scan
Resolution & Rate	1280 (H) x1024 (V) (NTSC: 15fps, PAL: 12.5 fps)
Video Codec	H.264/M-JPEG hardware (SOC) compression
Video Stream	H.264, Multiple Streams
Video Bit Rate	30K- 4M bps
Sensitivity	3.0 Lux / 0 Lux (IR On)
S/N Ratio	> 44 dB
Electronic Shutter	1/5 to 1/2,000 sec.
Flickerless	Yes, 1/120 sec.(60Hz) 1/100 sec.(50Hz)
Anti-Flicker	Support
Exposure	Automatic
Back Light Compensation	Automatic
AGC	Automatic
White Balance	Automatic
Motion Detection	Yes, 4 different areas (hardware)
Picture Resolution	SXGA(1280X1024); VGA(640x480); QVGA(320x240);
Lens	CS Mount
Video Adjustment	Contrast, Brightness, Saturation, Sharpness (optional)
Day/Night	Yes, Mechanical IR Cut Filter
IR Distance	20-30 meters
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 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	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)	56 x 51 x 145 mm
Software SDK	Available upon request

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

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