

H.264 VGA IP Bullet Camera, Indoor/Outdoor

Future-proof Technology

The IP cameras series with mechanical IR cut and day/night capability supports color at day and black & white at night. This all-in-one-design camera series are very versatile. 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. The outdoor model has IP66 Weather-proof protection housing.

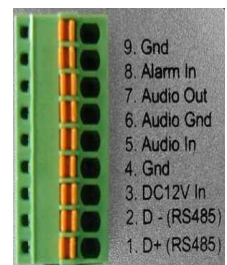
It provides round-the-clock, high quality H.264 video with Internet Protocol. Its remote monitoring applications allow homeowners and businesses to view their camera(s) through any internet connection available through a computer or a 3G phone.



Built-in PoE
IR LEDs
Multiple Streams
IP66 Housing

Features:

- 1/4" CMOS Progressive Scan
- Resolution of 640x480, NTSC: 30 fps, PAL: 25fps
320x240, NTSC: 30 fps, PAL: 25fps
- PoE (IEEE802.3af, Power over Ethernet)
- True Day and Night (Mechanical IR Cut Filter, IR LED)
- Supports Fixed, Manual Vari-Focal and Zoom lens
- IR LEDs, 20M projection
- 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
- Metal Aluminum housing
- IP66 weather-proof protection housing
- Excellent heat dissipation
- User-friendly GUI and no configuration is required



H.264 VGA IP Bullet Camera Specification



Model	Indoor	nCam-31124/xx	nCam-31134/xx	nCam-31144/xx
	Outdoor(IP66)	nCam-31126/xx	nCam-31136/xx	nCam-31146/xx
Image Sensor	1/4" CMOS Progressive Scan			
Resolution & Rate	640x480 (NTSC: @ 30fps / PAL: @ 25fps)			
Video Codec	H.264/M-JPEG hardware (SOC) compression			
Video Stream	H.264, Multiple Streams			
Video Bit Rate	30K- 4M bps			
Sensitivity	0 Lux (IR On)			
S/N Ratio	> 44 dB			
Electronic Shutter	1/5 to 1/2,000 sec.			
Flicker less	Yes, 1/120 sec.(60Hz) 1/100 sec.(50Hz)			
Exposure	Automatic			
Back Light Compensation	Automatic			
AGC	Automatic			
White Balance	Automatic			
Motion Detection	Yes, 4 different areas (hardware)			
Video Analytics	Missing / Adding / Zone detection & etc (optional)			
Picture Resolution	VGA(640x480); QVGA(320x240)			
Lens	Fixed Lens 4.3 mm / 6.0 mm / 8.0mm	Manual Vari-Focal 2.8 mm~12 mm / 4~9mm	Zoom Lens 4~9mm/ 5~15mm/ 8~20mm	
Video Adjust	Contrast, Brightness, Saturation, Sharpness			
Day/Night	Yes, Mechanical IR Cut Filter			
IR Led	IR LED x 36	IR LED x 30	IR LED x 30	
IR Sensitivity	700nm to 1100nm			
IR Distance	20 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 with IR ON	5W with IR ON	5.5W with IR ON	
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)	Indoor	Camera Body: 193 x 77 x 76 mm	Aluminum Sunshield: 207 x 83 x 82 mm	
	Outdoor	Camera Body: 210 x 77 x 76 mm	Aluminum Sunshield: 237 x 83 x 82 mm	
Software SDK	Available upon request			

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