

H.264 1.3M IP Vandal-Proof Dome 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. 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.

The Dome camera can be mounted almost anywhere using a variety of dome mounts, such as pendant and recessed mounts.



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, IR LED)
- Built-in Fixed Lens, Manual Vari-Focal or 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
- Mechanical IR Cut Filter
- Excellent heat dissipation
- User-friendly GUI and no configuration is required

H.264 1.3 M IP Dome Camera Specifications

Model	nCam-42326/xx	nCam-42336/xx	nCam-42346/xx
Image Sensor	1/3" CMOS Progressive Scan		
Resolution & Rate	1280x1024 (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	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	SXGA(1280X1024)		
Lens	Fixed Lens 4.3 mm / 6.0 mm	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 22		
IR Sensitivity	700nm to 1100nm		
IR Distance	15 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		
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		
Outdoor	Yes, IP66		
Dimension (Φ x L)	144 x 115 mm		
Software SDK	Available upon request		

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