

Outdoor Day & Night IP Camera



Outdoor MPEG4 IP cameras

With day & night ability

The Outdoor Day & Night IP Network Camera is designed with the “user-friendly” idea deep in mind. The user can install the Outdoor Day & Night IP Network Camera easily on his/her home network and then access the IP Camera anywhere in the world through the accompanied video management software - CamView without setting some complicated DNS name or changing the router’s settings. It’s just a plug & play action.

With 3GPP/ISMA support, users can see the video of the IP camera on any 3G mobile phone anywhere, anytime. The big difference is that there is software for downloading to the mobile phone so that the fixed IP address is not needed for the IP camera. The video settings including frame rate, resolution and bandwidth could be different for PC monitoring and mobile viewing.

For outdoor surveillance and remote monitoring, the Outdoor Day & Night IP Network Camera provides the best image quality in its class, and excellent performance. It also provides the best bandwidth efficiency, offers 640x480 resolution, 30 fps frame rate, real MPEG4 image compression ability.

With the very low light sensitive sensor and IR led inside the IP66-rated water

proof housing, the Outdoor Day & Night IP Network Camera can work day and night and satisfy all security and indoor/outdoor surveillance needs. With the motor controlled IR-cut filter, the day-time video quality is not affected by the infrared light in the sun light. The IR-cut filter is automatically turned on during dark light.

The NAS storage function can easily turn any NAS device to a NVR device. The schedule function provides full scheduling of email/ftp sending, motion detection and NAS recording event. With the built-in Web server, the Outdoor Day & Night IP Network Camera can also be managed from a standard web browser on a Windows computer or a Macintosh.

The Outdoor Day & Night IP Network Camera provides motion detection function. Users can easily setup this function and receive the notification with the snapshot images through email and/or ftp when some motion events are detected.

The Outdoor Day & Night IP Network Camera is ideal for securing small businesses, home offices and residences over a local area network and/or the Internet.

Features

- Easily access the camera from anywhere in the world via the ID/password (Through accompanied video management software, no complicated DNS settings needed)
- 3GPP/ISMA support
- Dual video streaming with separate frame rate/resolution/bandwidth settings for PC and mobile.
- Adjustable numbers of IR led control – support automatic, manual and scheduled modes. But only can see black & white video when IR led is on.
- Connect up to 20 users simultaneously
- Supports enhanced MPEG-4 compression
- Supports resolution of up to 640x480 pixels at 30 fps.
- Free video management software CamView accompanied for easy access and multi-camera management.
- View the video anywhere in the Internet.
- Motion Detection and E-mail/FTP notification
- Synchronize the system time through NTP protocol.
- Built-in Web server for managing via standard web browser.
- Event scheduling.
- NAS storage access.
- Online Firmware upgrade, will enter safe mode when power is off

during critical firmware upgrade point.

- Watchdog function to prevent system failure.

Specifications

Models	Outdoor Day & Night IP Network Camera
Power	DC 12V, 1 A
Processors	RISC CPU, hardware video processing and compression.
Network interface	Ethernet 10BaseT/100BaseTX, Auto-MDIX, RJ-45
Image sensor	RGB VGA 1/4 inch CMOS Automatic exposure control, automatic white balance, automatic gain control, automatic brightness control.
Light sensitivity	0.2 Lux (IR led off) 0 Lux (with 10 meters IR leds on) Automatically turn on the IR led in low light environment.
Lens	4.5 mm, F1.9, viewing angle: 55.6°, fixed iris. focus range: 30 cm to infinity Day & night IR lens
Water resistant	IP66 grade water resistant
IR LEDs	Adjustable numbers of 36 IR LEDs for up to 30 m distance night illumination.
Buttons	One reset button, to factory default settings
Video compression	MPEG-4 Part 2 (ISO/IEC 14496-2) with motion detection, profiles: Simple Profile, level 0-3
Frame rate	Up to 30 fps in all resolutions
Video streaming	MPEG-4 Separate frame rate/resolution/bandwidth settings for PC and mobile.
Video settings	Resolution: VGA(640x480), QVGA(320x240), QQVGA(160x120) Bandwidth : 64k, 128k, 256k, 512k, 768k, 1M, 1.2M, 1.5M bps Frame rate : 1~5, 10, 15, 20, 25, 30 fps
Security	Web management username/password protection Video display ID/password protection
Installation, management and maintenance	Installation tool on CD and Web-based configuration Automatic configuration backup and restore Video management software-CamView for video access and multi-camera management Firmware upgrades via FTP

Minimum Web browsing and management software requirements	Built-in web server for standard web browser access Pentium 4(or equivalent AMD) CPU 1.0 GHz or higher, 1 GB RAM
Supported protocols	IPv4, HTTP, TCP, ICMP, RTSP, RTP, UDP, RTCP, SMTP, SNTP, FTP, DHCP, ARP, DNS, PPPoE, etc.
Accessories (included)	Power adaptor, camera bracket, body shield, RJ45 ethernet cable, quick installation guide, CD with installation tool/software and User's Manual, ID/Password card.
Video management software	Surveillance application for viewing and archiving up to 16 cameras
Users	Up to 20 simultaneous unicast users (depends on video settings) Unlimited users using multicast
Alarm and event management	Events triggered by video motion detection Notification/upload of JPEG images over FTP and/or email
Dimensions (HxWxD) and weight	130 x 77 x 78 mm, 498 g, exclude camera bracket, exclude power adaptor
Approvals	EMC - CE, FCC Part 15 Subpart B Class B Power supply: CE, FCC, UL, EN 60950
Operating conditions	-20-60 °C Humidity 20 – 80% RH (non-condensing)