

NC500

Intelligent Auto-Tracking Network Camera



- On-board intelligent auto-tracking
- Pan / Tilt with 10x digital zoom
- Day / Night functionality
- Dual H.264, MJPEG or MPEG-4 video stream
- Active bandwidth management
- Support for email and SMS alert message
- Built-in microphone
- Two-way audio communication
- Video recording to local MicroSD/SDHC
- Upgradeable I/O module
- Mobile connectivity
- Import & export camera profile

Compro NC500 camera features on-board intelligent auto-tracking, at the full resolution and frame rate of 640 x 480 at 30FPS. It is ideal for tracking suspicious people or objects at monitoring locations such as homes, warehouses, offices, restaurants, hotel lobbies, etc.

Intelligent Auto-Tracking

The on-board intelligent auto-tracking means the NC500 can detect and follow moving objects or persons within its coverage area even under low light conditions (20 lux), which makes the NC500 indispensable to smart video surveillance.

Pan/Tilt with 10x digital zoom

NC500 is capable of simultaneously streaming H.264 and MPEG-4/MJPEG video. The camera provides 30 preset positions and 1 preset sequence to monitor specific areas.

Optional Digital I/O Expansion Box

The NC500 can be connected with an optional PTZ I/O Alarm Expansion Box to provide 6-port sensor input/alarm output function.

Exclusive and Convenient Features

NC500 provides many useful features: Active Bandwidth Management and Network Bandwidth Detection help create sharper image without exceeding bandwidth limitation; support for popular web-mail platform and SMS notification can alert you of triggered events instantly; support for video recording to local MicroSD/SDHC card; support for importing & exporting camera setting profile lets you configure multiple cameras with ease.

Two-way Audio Communication

NC500 provides two-way audio support via a built-in microphone and an audio jack for external speaker, allowing direct voice communication with the monitored site or audio broadcast through pre-recorded audio clips.

Day & Night Support for Any Lighting Conditions

NC500 features an unique design of its class integrating a professional-class light sensor and IR solution for 24/7 surveillance under various lighting conditions. The light sensor tells the camera when to turn on its IR LEDs to illuminate the scene when the lighting condition is poor for image clarity and when to switch off the IR LEDs when the lighting condition turns normal.

Total Surveillance Solution for Home and Business

NC500 bundles a full range of applications to provide an intelligent surveillance solution, including iWizard, WebVUer, and ComproView. iWizard allows for a easy and fast camera installation process. WebVUer is a browser-based camera management software for friendly and intuitive monitoring experience. ComproView is a professional-grade feature-rich 32-channel video management software.



Camera	
Image Sensor	1/4" CMOS sensor
Lens	<ul style="list-style-type: none"> • Focal Length: 4.0 mm • Max Aperture Ratio: F1.5 • Fixed iris
Angle of View	50° horizontal
Pan Range	-170° ~ +170° total of 340 degree
Tilt Range	-10° ~ +90° total of 100 degree
Pan / Tilt Speed	Pan 90°/sec., Tilt 70°/sec.
Zoom	10x digital zoom
Focusing Range	0.5m ~ INF
Minimum Illumination	<ul style="list-style-type: none"> • IR Mode: 0 lux; using built-in IR lamp in darkness up to 15m (IR LED x12) • Color Mode: 1.0 lux
Shutter Time	1/5 ~ 1/16000 sec.

Video	
Video Compression	<ul style="list-style-type: none"> • H.264 (MPEG-4 Part 10) • Motion JPEG • MPEG-4 Part 2
Resolutions	320 x 240, 640 x 480 (primary stream)
Frame Rate	Up to 30 frames at 640 x 480
Video Streaming	Dual video stream
Image Settings	<ul style="list-style-type: none"> • Adjustable image size and quality • AGC, AWB, AES • Configurable brightness, contrast, saturation and sharpness

Audio	
Audio Communication	Two-way audio with built-in MIC (S/N ratio 58 dB, 50-10000hz)
Compression	G.711 PCM 64Kbit/sec
Input / output	MIC input / Audio output

Network	
Security	User ID / Password protection
Supported Protocols	TCP/IP, HTTP, UDP, FTP, ICMP, ARP, DHCP, NTP, DDNS, DynDNS, UPnP, RTP, RTSP, RTCP, SMTP, IGMP, 3GPP, IPv4

Firmware	
Firmware	<ul style="list-style-type: none"> • Support UPnP • Support online firmware update

Software	
ComproView	<ul style="list-style-type: none"> • Multiple-channel management (32 channels) • Free Compro iDDNS service for dynamic IP users • Search and playback of recordings • Event-triggered recording • Smart motion and audio detection • Panoramic PTZ

Web Browser	
Internet Explorer (ActiveX)	<ul style="list-style-type: none"> • View the live image of the monitored area on Internet Explorer • Record video and take and save snapshots on PC or microSD/SDHC card • Alarm and event management: FTP, I/O alarm, server notification and email alert message
Supported Devices	<ul style="list-style-type: none"> • PC, Laptop, Nettop, MID, tablet with IE/ActiveX support. • Mobile phone, iPhone/iPad, BlackBerry, Android, WM, PDA support in MJPEG mode.

Mobile Phone	
MJPEG Mode	Viewing of camera image via phone browsers
3GPP Mode	Viewing of camera image via 3G phones (3GPP Streaming)

General	
Operating Condition	5 °C ~ 40 °C
Power Supply	DC 12V/2A or PoE (IEEE 802.3af Class 3)
System Requirements	<ul style="list-style-type: none"> • Computer with 1.7GHz processor and 512 MB memory or above • Supported Operating Systems: Windows XP SP3, Vista SP1, Windows 7
Package Contents	<ul style="list-style-type: none"> • NC500 network camera • Software CD • Quick installation guide • Power adaptor and power cable • Wall mount plate • Ethernet cable • Screws for ceiling mounting • Screw mount • Camera pads
Dimensions	105 x 125.5 x 128.6 mm

Optional Accessory

CM500 Digital I/O Expansion Box

- Connects with various sirens and alarms
- 15-pin connectors: input (2-pin) x3, output (3-pin) x3
- Box dimensions: 104 x 60 x 27 mm
- Connection cable length: 100 cm


