GTC-233HD Mega-pixel with Pan/tilt IP Camera

KEY FEATURES

*Plug & play by ID/password, no IP address or DNS settings.
*H.264 video compression.
*Mega-pixel for up to 1280x800 resolution at 30 fps.
*Pan/tilt control.
*Two sensors/lens for day and night separately.
*PIR body detection, effective distance – 7 meters.
*Two way audio.
*Infrared thermometer and temperature alarm control.
*SD card video recording with 5 seconds of pre-recording.
*802.11 n wireless with WEP and WPA/WPA2 security support.
*WPS (WiFi Protected Setup) support.
*Triple video streaming on PC, mobile and SD card recording.
*Night mode control – support automatic, manual and scheduled modes.
*Connect up to 20 users simultaneously
*Bundle with free video management software CamView.
*Push notification on iPhone/iPad and Android for PIR, temperature and sound detection.
*Email/ftp alarm message for PIR and sound detection.
*Event scheduling.
*Video recording on NAS device.
*Internal real time clock
*Watchdog function to prevent system failure.

TECHNICAL SPECIFICATIONS

Model No.	GTC-233HD Mega-pixel with Pan/tilt IP Camera
Power	DC 12V, 1 A
Processors	RISC CPU, hardware video processing and compression.
Network interface	Ethernet 10BaseT/100BaseTX,Auto-MDIX, RJ-45
Wireless Interface	IEEE 802.11n 90 - 150 Mbps IEEE 802.11g 6 - 54 Mbps IEEE 802.11b 1 - 11 Mbps Transmit power: 14.5dBm typically @ 802.11g 17.5dBm typically @ 802.11b Receiver sensitivity: 54Mbps: Typical -73dBm @ 10% PER Typical -86dBm @ 10% PER Antenna gain: 0.1 dBi
Pan/Tilt control	Pan viewing range 180° (-90° ~ 90°) Tilt viewing range 90° (0° ~ 90°)
Image sensor	RGB Mega 1/4 inch CMOS Day and night separate sensors Automatic exposure control, automatic white balance, automatic gain control, automatic brightness control.
PIR sensor	Effective distance – 7 meters
Infrared Thermometer	Infrared Range: -40 ~ 115 °C, accuracy:+-0.5°C Field of view : 90 degree
Light sensitivity	0.2 Lux (IR LED off) 0 Lux (with 10 meters IR LED on) Automatically turn on the IR LED on low light environment.
Lens	4.2 mm, F2.4, viewing angle: 66°, fixed iris. focus range: 30 cm to infinity Day and night separate lens
Buttons	One reset button, to factory default settings One WPS button for automatic WiFi setup
Indicators	One LED for Internet connection status indication One LED for Ethernet connection indication One LED for SD card recording indication
Video compression	H.264, baseline profile level 3.1
Video streaming	Separate frame rate/resolution/bandwidth settings for PC and mobile.
Video settings	Resolution: (WXGA)1280x800, 1024x768, VGA(640x480), QVGA(320x240) Bandwidth : 64k, 128k, 256k, 512k, 768k, 1M, 1.2M, 1.5M, 2M, 3M bps Frame rate : 1~5, 10, 15, 20, 25, 30 fps

Audio	Built-in microphone for audio monitoring Built-in 0.5W speaker for alarm and half-duplex two-way audio. Speaker jack for external speaker Audio compression: G.711
Security	Web management username/password protection Video display ID/password protection WiFi WEP and WPA/WPA2 security mode
Installation, management and maintenance	Plug & play by ID/password. Video management software-CamView for video access and multi-camera management Firmware upgrades via FTP
Web browsing	Built-in web server for standard web browser access Video display on IE browser Video snapshot on any browser
Supported protocols	IPv4, HTTP, TCP, ICMP, RTSP, RTP, UDP, RTCP, SMTP, SNTP, FTP, DHCP, ARP, DNS, PPPoE, etc.
Accessories (included)	Power adaptor, RJ45 Ethernet cable, quick installation guide, CD with installation software and User's Manual, ID/Password card.
Video management software	Surveillance software for viewing and archiving up to 36 cameras
Users	Up to 20 simultaneous unicast users (depends on video settings)
Alarm and event management	Events triggered by PIR and sound detection Email/ftp alarm message
Dimensions (HxWxD) and weight	124 x 91 x 100 mm, 350 g, camera body only
Approvals	EMC - CE, FCC Part 15 Subpart B Class B Wireless RF - CE, FCC Part 15 Subpart C Power supply: CE, FCC, UL, EN 60950
Operating conditions	0-50 °C Humidity 20 – 80% RH (non-condensing)

*Design and specifications are subject to change without prior notice.