



PRO-TM

H.264 Megapixel IP Tube Camera

Features

- H.264, MPEG4 and MJPEG simultaneously (Tri-encoders)
- High-light LED*24pcs for 20-25M IR distance
- Built in ICR. ICR can be setup via Auto, Threshold, Scheduler, Delay time
- Built in Power over Ethernet
- Support various protocols: RTSP, UPnP, 3GPP, HTTPS, Multi-cast, Unicast, Samba
- Event trigger action: Send to NAS, send to FTP, send to Email, Voice alert, Go preset and tour (with PT scanner), notify to HTTP/TCP servers
- IP66 weather proof casing for outdoor application

Specification

Camera	
Image Device	1.3" Mega-pixel image sensor
Effective Pixels	1280 x 1024 pixels
Lens	6mm fixed lens / F:1.6
Signal to Noise	44dB
Sensitivity	1.0V/lux-sec (550nm)
ICR	Built in ICR and Intelligent on/off function
Video / Audio	
Video Encoder	H.264, MPEG4 and Motion JPEG simultaneously (Tri-encoders)
Video Compression & Recording Frame Rate	13 profiles simultaneously H.264: SXGA/ VGA / QVGA / QQVGA MPEG4: VGA / QVGA / QQVGA M-JPEG: SXGA/ VGA / QVGA / QQVGA ROI-1: H.264@VGA ROI-2: H.264 @ QVGA
Frame Rate	Mega-pixel mode: Up to 15fps for all profiles VGA mode: Up to 30fps for VGA or less resolution profiles
Audio Compression	RTSP: G.711 64kbps, G.726 32kbps 3GPP: AMR
Image Setting	De-noise Brightness, sharpness, contrast Text, time and date overlay
Streaming	Simultaneously multi-profile streaming Streaming over UDP, TCP, or HTTP Multicast streaming M-JPEG streaming over HTTP Supports 3GPP mobile surveillance Controllable frame rate and bandwidth Constant and variable bit rate (MPEG4 / H.264)
Audio Streaming	One-way or two-way audio
Microphone	External microphone input
Audio Output	Line level out
Network	
Supported Protocols	TCP, UDP, HTTP, SMTP, FTP, NTP, DNS, DDNS, DHCP, ARP, Bonjour, UPnP, RTSP, RTP, RTCP, PPPoE, 3GPP, ICMP, IGMP, SAMBA, HTTPS (by request), SIP (by request)
Security	Password protection, IP address filtering, user access log
Users	20 simultaneous unicast users ; Unlimited users using multicast
Ethernet / Wireless	10/100M auto negotiation

System Integration	
Application Programming Interface	Open API for software integration SDK
Alarm Triggers	Intelligent video motion detection and external input
Motion Detection	10-zone video motion detection
Alarm Events	<ul style="list-style-type: none"> * File upload via FTP server /Email server/ Samba server * Notification via SMTP, HTTP, and TCP * External output (DI) activation * Go to PT preset position (with PT scanner) * Audio alerting output
Video Buffer	Pre- and post- alarm buffering
General	
Power Supply	12V DC external power adapter
Power over Ethernet	IEEE802.3af
Power Consumption	9W max while IR LED on
Illumination LED	IR LED×24pcs ; 20M-25M IR Distance
Protection Class	IP66
Connectors	RJ-45 10BaseT/100BaseTX DC jack 1 alarm input and 1 output Audio in/out RS485
Operating Temperature	0°C to 40°C (32°F to 104°F)
Operating Humidity	20% ~ 80% (non-condensing)
Viewing System	
OS	Windows® XP, Vista, Windows 7
Browser	IE 6.0 or latter / Firefox 2.0 or later / Safari
Cell Phone	With 3GPP player
Video Player	VLC, Quick Time, Real Player
Software	
Search & Installation	IPWizard-2
Bundled NVR Program	<ul style="list-style-type: none"> * 64ch. mult-channel supports Tri-decoder * 16ch. video playback (simultaneously) * Smart & scable digital zoom. Snapshot and edit * Motion, DI, Scheduler recording * Fast rewind and forward (MPEG4, H.264, MJPEG rewind) * 32x24 motion detection grids * Smart search (by time, by motion) * E-MAP * Event schedule setting
Optional NVR Program	SecuGuard 64CH Pro.