

## Bullet – IR Mega Pixel H.264 IP Camera



**Mega Pixel Resolution offers crystal clear images & covers four times larger area than traditional CCTV cameras thereby reducing the number of cameras needed and installation costs.**

### KEY FEATURES

**Multi Profile encoder supports H.264, MPEG & MJPEG streaming simultaneously.**

**H.264 Compression reduces file sizes to save on bandwidth & storage space.**

**Region of Interest – can stream selected video areas for saving Bandwidth.**

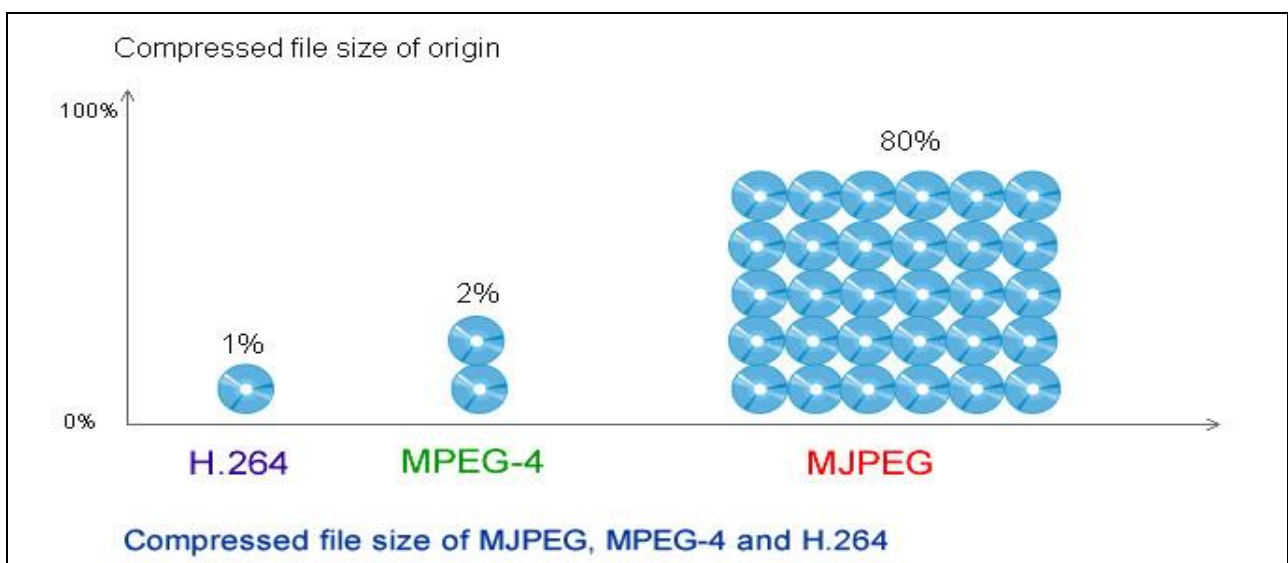
**Motion Detection can detect any suspicious movement in a specific area.**

**2 Way Audio supported with external speaker and microphone.**

**Powerful IR LEDs enhance night time viewing distance by up to 25 meters.**

**3GPP for 3 G mobile based remote viewing.**

**Compliant with IEEE 802.3af POE interface.**



<b>Camera</b>	
<b>Image Device</b>	1.3 Mega-pixel image sensor
<b>Effective Pixels</b>	1280 x 1024 pixels
<b>Sensitivity</b>	1.0V/lux-sec (550nm)
<b>Signal to Noise</b>	44dB
<b>Lens</b>	6mm fixed lens / F:1.6
<b>Pan &amp; Tilt</b>	
<b>Preset Points</b>	128 preset points (maximum)
<b>Camera Tour</b>	16 tours
<b>IP Module</b>	
<b>Video</b>	
<b>Video Encoder</b>	H.264, MPEG4 and Motion JPEG simultaneously (Tri-encoders)
<b>Video Profile</b>	11 profiles simultaneously , H.264 SXGA/ VGA / QVGA / QQVGA, MPEG4 VGA / QVGA / QQVGA , M-JPEG SXGA/ VGA / QVGA / QQVGA
<b>Frame Rate</b>	Mega-pixel mode: Up to 15fps for 11 profiles, VGA mode: Up to 30fps for 9 profiles
<b>Image Setting</b>	De-noise, Brightness, sharpness, contrast, color, Text, time and date overlay
<b>Streaming</b>	Simultaneously multi-profile streaming, Streaming over UDP, TCP, or HTTP, Multicast streaming, M-JPEG streaming over HTTP, Supports 3GPP mobile surveillance, Controllable frame rate & bandwidth, Constant & variable bit rate (MPEG4 / H.264)
<b>Audio</b>	
<b>Audio Encoder</b>	RTSP: G.711 64kbps, G.726 32kbps , 3GPP: AMR
<b>Audio Streaming</b>	One-way or two-way
<b>Microphone</b>	External microphone input
<b>Audio Output</b>	Line level out
<b>Network</b>	
<b>Supported Protocols</b>	TCP, UDP, HTTP, SMTP, FTP, NTP, DNS, DDNS, DHCP, ARP, Bonjour, UPnP, RTSP, RTP, RTCP, PPPoE, 3GPP, ICMP, IGMP, SAMBA
<b>Security</b>	Password protection, IP address filtering, user access log
<b>Users</b>	20 simultaneous unicast users, Unlimited users using multicast
<b>Ethernet</b>	10/100M auto negotiation
<b>System Integration</b>	
<b>API</b>	Open API for software integration, SDK
<b>Alarm Triggers</b>	Intelligent video motion detection and external input
<b>Motion Detection</b>	10-zone video motion detection
<b>Alarm Events</b>	* 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

<b>Video Buffer</b>	Pre- and post- alarm buffering
<b>General</b>	
<b>RAM</b>	128MB
<b>ROM</b>	8MB
<b>Power Supply</b>	12V DC external power adapter
<b>PoE</b>	IEEE 802.3af
<b>Power Consumption</b>	9W max while IR LED on
<b>Connectors</b>	RJ-45 10BaseT/100BaseTX , DC jack , 1 alarm input and 1 output , Audio in/out ,RS485
<b>Indication LED</b>	Two LEDs
<b>IR LED</b>	High-light LEDx24pcs
<b>IR Wavelength</b>	850 nm
<b>IR Distance</b>	20M-25M
<b>ICR</b>	Built in ICR and Intelligent on/off function
<b>Protection Class</b>	IP66
<b>Op. Temperature</b>	0°C to 40°C (32°F to 104°F)
<b>Operating Humidity</b>	20% ~ 80% (non-condensing)
<b>Viewing System</b>	
<b>OS</b>	Windows® XP, Vista
<b>Browser</b>	IE 6.0 or latter / Firefox 2.0 or later / Safari
<b>Cell Phone</b>	With 3GPP player
<b>Video Player</b>	VLC, Quick Time, Real Player
<b>Software</b>	
<b>Search &amp; Installation</b>	IPWizard II
<b>Bundled Program</b>	NVR Secu Guard 64CH Basic