



Beyond Clarity

H.264 1.3 Megapixel Compact
IR Bullet type IP Camera

FIC-BM310TR

H.264 1.3 Megapixel Compact IR Bullet type IP Camera

- H.264, MPEG4 and MJPEG simultaneously (Tri-encoders)
- High-light LED*24pcs for 20-25M IR distance
- Built in ICR that 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 weatherproof casing for outdoor application



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Specification

Model	FIC-BM310TR
Image Device	1.3 Mega-pixel image sensor
Effective Pixels	1280 x 1024 pixels
Sensitivity	1.0V / lux-sec (550nm)
Signal to Noise	44dB
Lens	Fixed lens (6mm / F:1.6)
Video	
Video Encoder	H.264, MPEG4 and MJPEG simultaneously (Tri-encoders)
Video Profile	* 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
Region of Interest	H.264 VGA and H.264 QVGA user defined windows (saving bandwidth, get stream of interested)
Frame Rate	Mega-pixel mode: Up to 15fps for all profiles VGA mode: Up to 30fps for VGA or less profiles
Image Setting	De-noise
	Brightness, sharpness, contrast
Streaming	Text, time and date overlay
	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	
Audio Encoder	RTSP: G.711 64kbps, G.726 32kbps
	3GPP: AMR
Audio Streaming	One-way or two-way
Microphone	External microphone input
Audio Output	Line level out
Network	
Supported Protocols	TCP, UDP, HTTP, HTTPS, SMTP, FTP, NTP, DNS, DDNS, DHCP, ARP, Bonjour, UPnP, RTSP, RTP, RTCP, PPPoE, 3GPP, ICMP, 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	10/100M auto negotiation

System Integration	
Application	Open API for software integration
Programming Interface	SDK
Alarm Triggers	Intelligent video motion detection and external input
Motion Detection	10-zone video motion detection
Alarm Events	File upload via FTP or email
	Notification via email, HTTP, and TCP
	External output activation
	Go to PTZ preset position (with PTS Scanner)
	Audio alerting output
Video Buffer	Pre-alarm and post-alarm
General	
RAM	128MB
ROM	8MB
Power Supply	12V DC external power adapter
PoE	IEEE 802.3af
Power Consumption	9W max while IR LED on
	RJ-45 10BaseT/100BaseTX
Connectors	DC jack
	1 alarm input and 1 output
	RS485
	Audio in/out
Indication LED	Two LEDs
IR LED	IR LEDx24pcs
IR Wavelength	850 nm
IR Distance	20M-25M
ICR	Built in ICR and Intelligent on/off function
Protection Class	IP66
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, Coreplayer
Software	
Search & Installation	IPWizard II
Bundled NVR Program	<ul style="list-style-type: none"> • 64ch. multi-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

