



Beyond Clarity

H.264 1.3 Megapixel
Box type IP Camera

FIC-BM310T

H.264 1.3 Megapixel Box type IP Camera

- H.264, MPEG4 and MJPEG simultaneously (Tri-encoders)
- Built in ICR that can be setup via Auto, Threshold, Scheduler, Delay time
- Support DC Iris lens
- Comprehensive I/O ports: MIC in, audio out; DI, DO, RS485, RJ45
- 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



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Specification

Model	FIC-BM310T
Image Device	1.3 Megapixel image sensor
Effective Pixels	1280 x 1024 pixels
Sensitivity	1.0V/lux-sec (550nm)
Signal to Noise	44dB
Lens	F:1.8 ; f:4.3mm, C/CS mount (optional)
IRIS Control	DC IRIS Lens
ICR	Yes (Auto, Manual, Scheduler, Delay time)
Pan & Tilt	
Preset Points	128 preset points (maximum)
Camera Tour	16 tours
IP Module	
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
	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	
Audio Encoder	RTSP: G.711 64kbps, G.726 32kbps
	3GPP: AMR
Audio Streaming	One-way or two-way
Microphone	Built-in 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
Alarm Events	File upload via FTP or email
	File upload to NAS via Samba protocol
	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	4W max
Connectors	RJ-45 10 BaseT/100 BaseTX
	DC jack
	1 alarm input and 1 output
	RS485
	Audio out
	DC IRIS
Indication LED	Two LEDs
Protection Class	Indoor use (Outdoor housing accessory)
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. mult-channel supports Tri-decoder • 16ch. video playback (simultaneously)

