



Beyond Clarity

H.264 Vandal IR IP Dome

FIC-VM310TR-2790

H.264 Vandal IR IP Dome

- H.264, MPEG4 and MJPEG simultaneously (Tri-encoders)
- IR LED*24pcs for 20-25M IR distance
- 2.7-9mm Auto Iris lens. Built in 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 vandal proof casing



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Specification

Model	FIC-VM310TR-2790
Image Device	1.3 Megapixel image sensor
Effective Pixels	1280 x 1024 pixels
Sensitivity	1.0V/ lux-sec (550nm)
Signal to Noise	44dB
Lens	Varifocal (2.7~9.0mm)
IR LED	24pcs, 15-20M IR distance
Video	
Video Encoder	H.264, MPEG4 and Motion JPEG simultaneously (Tri-encoders) * 13 profiles simultaneously
Video Profile	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
Audio Streaming	3GPP: AMR One-way or two-way
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, 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 to Samba server File upload to FTP server File upload to SMTP server Notification via email, HTTP, and TCP External output activation (DO) Go to PTZ preset position (RS485) Audio alerting output	
	Video Buffer	Pre- and post- alarm buffering
	General	
	Power Supply	12V DC external power adapter
PoE	IEEE 802.3af	
Power Consumption	6W max (IR LED on)	
Connectors	RJ-45 10BaseT/100BaseTX DC jack 1 alarm input and 1 output Audio in/out RS485	
	Indication LED	Two LEDs
	Protection Class	IP66 outdoor use, Vandal and weather proof
Construction	3-axis mechanical design	
Operating Temperature	-10°C to 50°C	
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	
Easy DDNS	DIPST™	
Bundled NVR Program	* 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	

