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AM932D / AM933D Specifications



Camera	
Horizontal Resolution	500 TV Lines
Image Device	1 /4" Color SONY CCD image sensor
Scanning Frequency	NTSC : 15,734 Hz (H) , 60 Hz (V) PAL : 15,625 Hz (H) , 50 Hz (V)
Effective Pixels	NTSC:811(H) × 508(V) PAL:795(H) × 596(V)
Optical /Digital Zoom	10X optical zoom & digital zoom
Illumination	Built in ICR : 0.7 Lux (color) / 0.02 Lux (B/W)
Signal to Noise	More than 50 dB
Pan & Tilt	
Pan Degree	355°
Tilt Degree	-30~90°
Max Pan Speed	180°/ second
Max Tilt Speed	140 °/ second
Preset Points	128 preset points (maximum)
Camera Tour	16 tours
IP Module	
Video	
Video Encoder	H.264, MPEG4 and Motion JPEG simultaneously (Tri-encoders)
Video Profile	9 profiles simultaneously

	<ul style="list-style-type: none"> - H.264 4CIF / CIF / QCIF - MPEG4 4CIF / CIF / QCIF - M-JPEG 4CIF / CIF / QCIF
Frame Rate	Up to 30fps for all profiles
Image Setting	<ul style="list-style-type: none"> De-interlace (4CIF resolution) De-noise Brightness, sharpness, contrast, color Text, time and date overlay
Streaming	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> RTSP: G.711 64kbps, G.726 32kbps 3GPP: AMR
Audio Streaming	One-way or two-way
Audio Input	Built-in or external microphone
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
Security	Password protection, IP address filtering, user access log
Users	<ul style="list-style-type: none"> 20 simultaneous unicast users Unlimited users using multicast
Ethernet	10/100M auto negotiation
Wireless	802.11b/g (AM932D only)
System Integration	
Application Programming Interface	<ul style="list-style-type: none"> 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 or email File store to Mini SD card Notification via email, HTTP, and TCP

	External output activation Go to PTZ preset position Audio alerting output
Video Buffer	Pre- and post- alarm buffering
General	
RAM	128MB
ROM	8MB
Power Supply	12V DC external power adapter
Power Consumption	12W
Connectors	RJ-45 10BaseT/100BaseTX , DC jack 1 alarm input and 1 output External MIC in Audio line out + Video out Mini SD slot
Operating Temperature	0°C ~ 40°C
Operating Humidity	20% ~ 80% (non-condensing)
Dimension	φ 135 x 196mm
Viewing System	
OS	Windows® XP, Vista
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	SecuGuard 64CH Basic
Optional NVR Program	SecuGuard 64CH Pro.