

TEL: 021_88972211

FAX: 021_88985950

AM2603M 1.3M Box IP Cam (PoE)





Key Features

- 1. H.264, and MJPEG encoder
- 2. 1280x1024 / 1280*720 resolution, max 30fps
- Comprehensive I/O ports: MIC in, audio out, composite video out, DI, DO, RS485, RJ45, mSD
- Built in ICR for day & night surveillance without color shift, controlled by FW
- 5. Built in Power over Ethernet
- Support various protocols: RTSP, UPnP, 3GPP, HTTPS, Samba
- Event trigger action: Send to NAS, send to FTP, send to Email, voice alert, go preset and tour, notify to HTTP/TCP servers
- 8. Free bundle 64ch. SecuGuard software

Camera module	
Module Name	AM2603M-A5S1BCO
Effective Pixels	1280 x 1024 pixels
Lens	f:4.0mm
IRIS	Support DC & Auto IRIS Lens
ICR	Mechanical
Video	
Video Encoder	H.264 and Motion JPEG simultaneously
Video Mode	1.3M Mode (4:3) and 720p Mode (16:9)
Video Profile	8 profiles simultaneously
Frame Rate	Up to 30fps (NTSC) / 25fps (PAL)
Image Setting	AE, AWB
	3D Noise reduction
	Exposure Value, Color Level, Brightness, Sharpness, Contrast
	Mirror/Flip
	Privacy Masks
	Text, time and date overlay
Streaming	Simultaneously multi-profile streaming
	Streaming over UDP, TCP, HTTP, or HTTPS
	M-JPEG streaming over HTTP (server push)
	Supports 3GPP mobile surveillance (MPEG4)

Constant and variable bit rate (MPEG4 / H.264) ROI 2 windows, free scale region of interest Audio Audio Encoder RTSP: G.711 64kbps, G.726 32kbps 3GPP: AMR Audio Streaming One-way or two-way Builtin and external microphone Line out Network Ethernet 10/100M auto negotiation IPv6, IPv4, TCP, UDP, HTTP, HTTPS, SMTP, FTP, NTP, DNS, DDNS, DHCP, DIPS, ARP, Bonjour, UPnP, RTSP, RTCP, IGMP, PPPOE, 3GPP, Samba, ICMP DDNS DIPS™ NAT Transversal UPnP NAT transversal Password protection, IP address filtering, HTTPS encrypted data transmission, user access log Users 20 simultaneous unicast users System Integration SDK Open API for software integration ONVIF Intelligent video motion detection External input Audio Detection Wotion Detection Video motion detection up to 10 windows File upload via FTP or email File upload via FTP or email File upload via Samba to NAS Notification via email, HTTP, and TCP External output activation (DO) Audio alerting output (speaker) SDC and local storage Video Buffer General Power Supply 12V DC external power adapter Built in Power over Ethernet RJ-45 10BaseT/10DBaseTX 12VDC power jack		Controllable frame rate and bandwidth
Audio Encoder Audio Streaming Audio Input / Out Network Ethernet 10/100M auto negotiation Pv6, IPv4, TCP, UDP, HTTP, HTTPS, SMTP, FTP, NTP, DNS, DDNS, DHCP, DIPS, ARP, Bonjour, UPnP, RTSP, RTP, RTCP, IGMP, PPDE, 3GPP, Samba, ICMP DDNS DIPS™ NAT Transversal Very Password protection, IP address filtering, HTTPS encrypted data transmission, user access log Users 20 simultaneous unicast users System Integration SDK Open API for software integration ONVIF Intelligent video motion detection External input Audio Detection Motion Detection Video motion detection up to 10 windows File upload via FTP or email File upload via Samba to NAS Notification via email, HTTP, and TCP External output activation (DO) Audio alerting output (speaker) mSD card local storage Video Buffer General Power Supply 12V DC external power adapter Built in Power over Ethernet RJ-45 10BaseT/100BaseTX		Constant and variable bit rate (MPEG4 / H.264)
Audio Encoder Audio Streaming One-way or two-way Builtin and external microphone Line out Network Ethernet 10/100M auto negotiation IPv6, IPv4, TCP, UDP, HTTP, HTTPS, SMTP, FTP, NTP, DNS, DDNS, DHCP, DIPS, ARP, Bonjour, UPnP, RTSP, RTP, RTCP, IGMP, PPDE, 3GPP, Samba, ICMP DDNS DIPS™ NAT Transversal UPnP NAT transversal Password protection, IP address filtering, HTTPS encrypted data transmission, user access log Users 20 simultaneous unicast users System Integration SDK Open API for software integration ONVIF Intelligent video motion detection External input Audio Detection Motion Detection Video motion detection up to 10 windows File upload via FTP or email File upload via Samba to NAS Notification via email, HTTP, and TCP External output activation (DO) Audio alerting output (speaker) mSD card local storage Video Buffer General Power Supply 12V DC external power adapter Built in Power over Ethernet RJ-45 10BaseT/100BaseTX	ROI	2 windows, free scale region of interest
Audio Streaming Audio Input / Out Builtin and external microphone Line out Network Ethernet 10/100M auto negotiation IPv6, IPv4, TCP, UDP, HTTP, HTTPS, SMTP, FTP, NTP, DNS, DDNS, DHCP, DIPS, ARP, Bonjour, UPnP, RTSP, RTP, RTCP, IGMP, PPPOE, 3GPP, Samba, ICMP DDNS DIPS™ NAT Transversal Password protection, IP address filtering, HTTPS encrypted data transmission, user access log Users 20 simultaneous unicast users System Integration SDK Open API for software integration ONVIF Intelligent video motion detection External input Audio Detection Wotion Detection Video motion detection up to 10 windows File upload via Samba to NAS Notification via email, HTTP, and TCP External output activation (DO) Audio alerting output (speaker) Fire and post- alarm buffering General Power Supply 12V DC external power adapter Built in Power over Ethernet RJ-45 10BaseT/100BaseTX	Audio	
Audio Streaming Audio Input / Out Network Ethernet 10/100M auto negotiation IPv6, IPv4, TCP, UDP, HTTP, HTTPS, SMTP, FTP, NTP, DNS, DDNS, DHCP, DIPS, ARP, Bonjour, UPnP, RTSP, RTCP, IGMP, PPPoE, 3GPP, Samba, ICMP DDNS DIPS™ NAT Transversal UPnP NAT transversal Security Password protection, IP address filtering, HTTPS encrypted data transmission, user access log Users 20 simultaneous unicast users System Integration SDK Open API for software integration ONVIF Intelligent video motion detection External input Audio Detection Motion Detection Video motion detection up to 10 windows ■ File upload via FTP or email ■ File upload via FTP or email ■ File upload via Samba to NAS ■ Notification via email, HTTP, and TCP ■ External output activation (DO) ■ Audio alerting output (speaker) ■ mSD card local storage Video Buffer Pre- and post- alarm buffering General Power Supply 12V DC external power adapter Built in Power over Ethernet RJ-45 10BaseT/100BaseTX	Audio Encoder	RTSP: G.711 64kbps, G.726 32kbps
Audio Input / Out Network Ethernet 10/100M auto negotiation IPv6, IPv4, TCP, UDP, HTTP, HTTPS, SMTP, FTP, NTP, DNS, DDNS, DHCP, DIPS, ARP, Bonjour, UPnP, RTSP, RTP, RTCP, IGMP, PPPOE, 3GPP, Samba, ICMP DDNS DIPSTM NAT Transversal UPnP NAT transversal Password protection, IP address filtering, HTTPS encrypted data transmission, user access log Users System Integration SDK Open API for software integration ONVIF Intelligent video motion detection External input Audio Detection Motion Detection Video motion detection up to 10 windows File upload via FTP or email File upload via FTP or email File upload via Samba to NAS Notification via email, HTTP, and TCP External output activation (DO) Audio alerting output (speaker) mSD card local storage Video Buffer General Power Supply 12V DC external power adapter Built in Power over Ethernet RJ-45 10BaseT/100BaseTX		3GPP: AMR
Line out	Audio Streaming	One-way or two-way
Line out Network Ethernet 10/100M auto negotiation IPv6, IPv4, TCP, UDP, HTTP, HTTPS, SMTP, FTP, NTP, DNS, DDNS, DHCP, DIPS, ARP, Bonjour, UPnP, RTSP, RTCP, IGMP, PPPDE, 3GPP, Samba, ICMP DDNS DIPS™ NAT Transversal Password protection, IP address filtering, HTTPS encrypted data transmission, user access log Users 20 simultaneous unicast users System Integration Open API for software integration ONVIF Intelligent video motion detection Alarm Triggers External input Audio Detection Motion Detection Video motion detection up to 10 windows File upload via FTP or email File upload via Samba to NAS Notification via email, HTTP, and TCP External output activation (DO) Audio alerting output (speaker) mSD card local storage Video Buffer General Power Supply 12V DC external power adapter Built in Power over Ethernet RJ-45 10BaseT/100BaseTX	Audio Input / Out	Builtin and external microphone
Ethernet 10/100M auto negotiation IPv6, IPv4, TCP, UDP, HTTP, HTTPS, SMTP, FTP, NTP, DNS, DDNS, DHCP, DIPS, ARP, Bonjour, UPnP, RTSP, RTP, RTCP, IGMP, PPPoE, 3GPP, Samba, ICMP DDNS		Line out
Supported Protocols Pv6, Pv4, TCP, UDP, HTTP, HTTPS, SMTP, FTP, NTP, DNS, DDNS, DHCP, DIPS, ARP, Bonjour, UPnP, RTSP, RTCP, IGMP, PPPoE, 3GPP, Samba, ICMP DDNS	Network	
Supported Protocols DHCP, DIPS, ARP, Bonjour, UPnP, RTSP, RTP, RTCP, IGMP, PPPoE, 3GPP, Samba, ICMP DDNS DIPS™ NAT Transversal Password protection, IP address filtering, HTTPS encrypted data transmission, user access log Users 20 simultaneous unicast users System Integration SDK Open API for software integration ONVIF Intelligent video motion detection External input Audio Detection Motion Detection Video motion detection up to 10 windows File upload via FTP or email File upload via Samba to NAS Notification via email, HTTP, and TCP External output activation (DO) Audio alerting output (speaker) mSD card local storage Video Buffer General Power Supply 12V DC external power adapter Built in Power over Ethernet RJ-45 10BaseT/100BaseTX	Ethernet	10/100M auto negotiation
PPPOE, 3GPP, Samba, ICMP DDNS DIPS™ NAT Transversal Password protection, IP address filtering, HTTPS encrypted data transmission, user access log Users 20 simultaneous unicast users System Integration SDK Open API for software integration ONVIF Intelligent video motion detection External input Audio Detection Motion Detection Video motion detection up to 10 windows File upload via FTP or email File upload via Samba to NAS Notification via email, HTTP, and TCP External output activation (DO) Audio alerting output (speaker) Tydeo Buffer General Power Supply 12V DC external power adapter Built in Power over Ethernet RJ-45 10BaseT/100BaseTX RJ-45 10BaseT/100BaseTX		IPv6, IPv4, TCP, UDP, HTTP, HTTPS, SMTP, FTP, NTP, DNS, DDNS,
DDNS DIPS™ NAT Transversal Password protection, IP address filtering, HTTPS encrypted data transmission, user access log Users 20 simultaneous unicast users System Integration SDK Open API for software integration ONVIF Intelligent video motion detection External input Audio Detection Motion Detection Video motion detection up to 10 windows File upload via FTP or email File upload via Samba to NAS Notification via email, HTTP, and TCP External output activation (DO) Audio alerting output (speaker) The pre- and post- alarm buffering General Power Supply RJ-45 10BaseT/100BaseTX Password protection, IP address filtering, Password protection, IP address filtering, HTTPS encrypted data transmission, user access log User access log Password protection, IP address filtering, HTTPS encrypted data transmission, user access log Video motion detection Video motion detection File upload via Samba to NAS Notification via email, HTTP, and TCP External output activation (DO) Audio alerting output (speaker) The protection of the password protection, IP address filtering, and the password protection of the password protection and transmission, user access log Password protection, IP address filtering, and the password protection and transmission, user access log Intelligent video motion detection Not Intelligent video motion detection Not Intelligent video motion detection Password protection Not Intelligent video motion detection Not Intelligent video motion detection Password protection Not		DHCP, DIPS, ARP, Bonjour, UPnP, RTSP, RTP, RTCP, IGMP,
NAT Transversal Security Password protection, IP address filtering, HTTPS encrypted data transmission, user access log Users 20 simultaneous unicast users System Integration Open API for software integration ONVIF Intelligent video motion detection External input Audio Detection Motion Detection Video motion detection up to 10 windows File upload via FTP or email File upload via Samba to NAS Notification via email, HTTP, and TCP External output activation (DO) Audio alerting output (speaker) mSD card local storage Video Buffer General Power Supply Intelligent video motion detection Alarm Events File upload via FTP or email File upload via FTP or email File upload via Samba to NAS Notification via email, HTTP, and TCP External output activation (DO) Audio alerting output (speaker) Televation (DO) Audio alerting output (speaker) Televation (DO) Audio alerting output (speaker) Televation (DO) Audio alerting output (speaker) Televation (DO) Audio alerting output (speaker) Televation (DO) Audio alerting output (speaker) Televation (DO) Audio alerting output (speaker) Televation (DO) Audio alerting output (speaker) Televation (DO) Audio alerting output (speaker) Televation (DO) Audio alerting output (speaker) Televation (DO) Audio alerting output (speaker) Televation (DO) Audio alerting output (speaker) Televation (DO) Telev		
Security Password protection, IP address filtering, HTTPS encrypted data transmission, user access log 20 simultaneous unicast users System Integration Open API for software integration ONVIF Intelligent video motion detection External input Audio Detection Motion Detection Video motion detection up to 10 windows File upload via FTP or email File upload via Samba to NAS Notification via email, HTTP, and TCP External output activation (DO) Audio alerting output (speaker) External output activation Wideo Buffer General Power Supply Pre- and post- alarm buffering General 12V DC external power adapter Built in Power over Ethernet RJ-45 10BaseT/100BaseTX	DDNS	DIPS™
Users 20 simultaneous unicast users System Integration Open API for software integration ONVIF Intelligent video motion detection External input Audio Detection Motion Detection Video motion detection up to 10 windows File upload via FTP or email File upload via Samba to NAS Notification via email, HTTP, and TCP External output activation (DO) Audio alerting output (speaker) mSD card local storage Video Buffer General Power Supply HTTPS encrypted data transmission, user access log 20 simultaneous unicast users System Integration Open API for software integration ONVIF Intelligent video motion detection External input Audio Detection File upload via FTP or email File upload via Samba to NAS Notification via email, HTTP, and TCP External output activation (DO) Audio alerting output (speaker) mSD card local storage Video Buffer General 12V DC external power adapter Built in Power over Ethernet RJ-45 10BaseT/100BaseTX	NAT Transversal	UPnP NAT transversal
Users 20 simultaneous unicast users System Integration Open API for software integration ONVIF Intelligent video motion detection External input Audio Detection Motion Detection Video motion detection up to 10 windows File upload via FTP or email File upload via Samba to NAS Notification via email, HTTP, and TCP External output activation (DO) Audio alerting output (speaker) mSD card local storage Video Buffer General Power Supply HTTPS encrypted data transmission, user access log Open API for software integration ONVIF Intelligent video motion detection External input Audio Detection Video motion detection up to 10 windows File upload via FTP or email File upload via Samba to NAS Notification via email, HTTP, and TCP External output activation (DO) Audio alerting output (speaker) mSD card local storage Video Buffer General 12V DC external power adapter Built in Power over Ethernet RJ-45 10BaseT/100BaseTX		Password protection, IP address filtering,
System Integration SDK Open API for software integration ONVIF Intelligent video motion detection External input Audio Detection Motion Detection Video motion detection up to 10 windows File upload via FTP or email File upload via Samba to NAS Notification via email, HTTP, and TCP External output activation (DO) Audio alerting output (speaker) mSD card local storage Video Buffer General Power Supply 12V DC external power adapter Built in Power over Ethernet RJ-45 10BaseT/100BaseTX		HTTPS encrypted data transmission, user access log
Open API for software integration ONVIF Intelligent video motion detection External input Audio Detection Motion Detection Video motion detection up to 10 windows File upload via FTP or email File upload via Samba to NAS Notification via email, HTTP, and TCP External output activation (DO) Audio alerting output (speaker) mSD card local storage Video Buffer General Power Supply 12V DC external power adapter Built in Power over Ethernet RJ-45 10BaseT/100BaseTX	Users	20 simultaneous unicast users
Open API for software integration ONVIF Intelligent video motion detection External input Audio Detection Motion Detection Video motion detection up to 10 windows File upload via FTP or email File upload via Samba to NAS Notification via email, HTTP, and TCP External output activation (DO) Audio alerting output (speaker) mSD card local storage Video Buffer General Power Supply 12V DC external power adapter Built in Power over Ethernet RJ-45 10BaseT/100BaseTX	System Integration	
Intelligent video motion detection External input Audio Detection Motion Detection Video motion detection up to 10 windows File upload via FTP or email File upload via Samba to NAS Notification via email, HTTP, and TCP External output activation (DO) Audio alerting output (speaker) mSD card local storage Video Buffer Pre- and post- alarm buffering General 12V DC external power adapter Built in Power over Ethernet RJ-45 10BaseT/100BaseTX		Open API for software integration
Alarm Triggers External input Audio Detection Wotion Detection Video motion detection up to 10 windows File upload via FTP or email File upload via Samba to NAS Notification via email, HTTP, and TCP External output activation (DO) Audio alerting output (speaker) mSD card local storage Video Buffer Pre- and post- alarm buffering General 12V DC external power adapter Built in Power over Ethernet RJ-45 10BaseT/100BaseTX	SDK	ONVIF
Audio Detection Motion Detection Video motion detection up to 10 windows File upload via FTP or email File upload via Samba to NAS Notification via email, HTTP, and TCP External output activation (DO) Audio alerting output (speaker) mSD card local storage Video Buffer Pre- and post- alarm buffering General 12V DC external power adapter Built in Power over Ethernet RJ-45 10BaseT/100BaseTX	Alarm Triggers	Intelligent video motion detection
Motion Detection Video motion detection up to 10 windows File upload via FTP or email File upload via Samba to NAS Notification via email, HTTP, and TCP External output activation (DO) Audio alerting output (speaker) mSD card local storage Video Buffer Pre- and post- alarm buffering General 12V DC external power adapter Built in Power over Ethernet RJ-45 10BaseT/100BaseTX		External input
File upload via FTP or email File upload via Samba to NAS Notification via email, HTTP, and TCP External output activation (DO) Audio alerting output (speaker) mSD card local storage Video Buffer Pre- and post- alarm buffering General 12V DC external power adapter Built in Power over Ethernet RJ-45 10BaseT/100BaseTX		External input
Alarm Events • File upload via Samba to NAS • Notification via email, HTTP, and TCP • External output activation (DO) • Audio alerting output (speaker) • mSD card local storage Video Buffer Pre- and post- alarm buffering General 12V DC external power adapter Built in Power over Ethernet RJ-45 10BaseT/100BaseTX		·
Alarm Events Notification via email, HTTP, and TCP External output activation (DO) Audio alerting output (speaker) mSD card local storage Video Buffer Pre- and post- alarm buffering General 12V DC external power adapter Built in Power over Ethernet RJ-45 10BaseT/100BaseTX	Motion Detection	Audio Detection
Alarm Events External output activation (DO) Audio alerting output (speaker) mSD card local storage Video Buffer Pre- and post- alarm buffering General 12V DC external power adapter Built in Power over Ethernet RJ-45 10BaseT/100BaseTX	Motion Detection	Audio Detection Video motion detection up to 10 windows
 External output activation (DO) Audio alerting output (speaker) mSD card local storage Video Buffer Pre- and post- alarm buffering General 12V DC external power adapter Built in Power over Ethernet RJ-45 10BaseT/100BaseTX 	Motion Detection	Audio Detection Video motion detection up to 10 windows • File upload via FTP or email
		Audio Detection Video motion detection up to 10 windows • File upload via FTP or email • File upload via Samba to NAS
Video Buffer Pre- and post- alarm buffering General Power Supply 12V DC external power adapter Built in Power over Ethernet RJ-45 10BaseT/100BaseTX		Audio Detection Video motion detection up to 10 windows • File upload via FTP or email • File upload via Samba to NAS • Notification via email, HTTP, and TCP
Power Supply 12V DC external power adapter Built in Power over Ethernet RJ-45 10BaseT/100BaseTX		Audio Detection Video motion detection up to 10 windows File upload via FTP or email File upload via Samba to NAS Notification via email, HTTP, and TCP External output activation (DO)
Power Supply 12V DC external power adapter Built in Power over Ethernet RJ-45 10BaseT/100BaseTX		Audio Detection Video motion detection up to 10 windows File upload via FTP or email File upload via Samba to NAS Notification via email, HTTP, and TCP External output activation (DO) Audio alerting output (speaker)
Built in Power over Ethernet RJ-45 10BaseT/100BaseTX Connectors	Alarm Events	Audio Detection Video motion detection up to 10 windows File upload via FTP or email File upload via Samba to NAS Notification via email, HTTP, and TCP External output activation (DO) Audio alerting output (speaker) mSD card local storage
Built in Power over Ethernet RJ-45 10BaseT/100BaseTX Connectors	Alarm Events Video Buffer	Audio Detection Video motion detection up to 10 windows File upload via FTP or email File upload via Samba to NAS Notification via email, HTTP, and TCP External output activation (DO) Audio alerting output (speaker) mSD card local storage
Connectors	Alarm Events Video Buffer General	Audio Detection Video motion detection up to 10 windows File upload via FTP or email File upload via Samba to NAS Notification via email, HTTP, and TCP External output activation (DO) Audio alerting output (speaker) mSD card local storage Pre- and post- alarm buffering
12VDC power jack	Alarm Events Video Buffer General	Audio Detection Video motion detection up to 10 windows File upload via FTP or email File upload via Samba to NAS Notification via email, HTTP, and TCP External output activation (DO) Audio alerting output (speaker) mSD card local storage Pre- and post- alarm buffering
	Alarm Events Video Buffer General Power Supply	Audio Detection Video motion detection up to 10 windows File upload via FTP or email File upload via Samba to NAS Notification via email, HTTP, and TCP External output activation (DO) Audio alerting output (speaker) mSD card local storage Pre- and post- alarm buffering 12V DC external power adapter Built in Power over Ethernet

	1 alarm input and 1 output
	RS485
	Audio out
	Built in MIC & External MIC input
	Composite Video out
	Factory default reset
	mSD card
Indication LED	Green and orange LEDs
Operating Temperature	0°C ~ 40°C
Operating Humidity	20% ~ 80% (non-condensing)
Viewing System	
os	Windows® XP, Vista, Win7, Win8
Browser	IE 6.0 or latter / Firefox / Safari / Chrome
Cell Phone	With 3GPP player, iPhone™, Android™
Video Player	VLC, Quick Time, Real Player, Core Player, iPhone™ & Android™ App
Software	
Search & Installation	IPWizard
	SecuGuard 6.x:
	* 64ch. multi-channel supports Tri-decoder
	□* 16ch. video playback (synchronization)
	□* Smart & re-sizeable digital zoom.
	* Snapshot and edit
	□* Motion, DI, Scheduler recording
Bundled NVR Program	□* Fast rewind and forward (MPEG4, H.264, MJPEG rewind)
	□* 32x24 motion detection grids
	□* Smart search (by time, by motion)
	□* E-MAP
	* Event schedule setting
	* Remote service
	I I

 $[\]divideontimes$ The product design and dimensions may change without previous notice for improvement of performance.