

## PFN-AM2231D H.264 2 Mega Mini PT IR IP Camera



### Key Features

1. H.264, MPEG4 and MJPEG simultaneously (Tri-encoders)
2. 1600\*1200 resolution, max 15fps (2M mode)
3. 1280\*720 resolution, max 30fps (720P HD mode)
4. Comprehensive I/O ports: Audio out, DI, DO, RS485, RJ45, mSD
5. Built in IR LED and ICR for day & night surveillance without color shift, controlled by FW
6. Built in Power over Ethernet
7. Support various protocols: RTSP, UPnP, 3GPP, HTTPS, Samba
8. Event trigger action: Send to NAS, send to FTP, send to Email, Voice alert, save to mSD card, go to preset or tour, notify to HTTP/TCP servers
9. Free bundle 64ch. SecuGuard software

Camera	
Model No.	AM2231D
Image Device	1/3" 2 Mega-pixel image sensor
Effective Pixels	1600x1200 pixels (sensor)
Lens	4.2mm
Pan & Tilt	
Pan Degree	355°
Tilt Degree	0~90°
Manual Pan Degree	90°/ second (max); 1°/ second (min)
Manual Tilt Degree	90°/ second (max); 1°/ second (min)
Preset Points	128 preset points
Camera Tour	16 tours
IP Module	
Video	
Video Encoder	H.264, MPEG4 and MJPEG simultaneously (Tri-encoders)
Video Profile	20 profiles simultaneously
Frame Rate	Up to 15fps for 1600*1200

	Up to 30fps @720p mode
<b>Region of Interest</b>	Editable ROI (Max.5 Windows)
<b>Image Setting</b>	AE, AWB 3D Noise reduction Color, brightness, sharpness, contrast, Hue Mirror/Flip 8 Privacy Masks Text, time and date overlay
<b>Streaming</b>	Simultaneously multi-profile streaming Streaming over UDP, TCP, or HTTP M-JPEG streaming over HTTP (server push) Supports 3GPP mobile surveillance Controllable frame rate and bandwidth Constant and variable bit rate (MPEG4 / H.264) ROI
<b>Audio</b>	
<b>Audio Encoder</b>	RTSP: G.711 64kbps, G.726 32kbps 3GPP: AMR
<b>Audio Streaming</b>	One-way or two-way
<b>Microphone</b>	Internal microphone input
<b>Audio Output</b>	Adjustable audio output gain
<b>Network</b>	
<b>Supported Protocols</b>	IPv6, IPv4, TCP, UDP, HTTP, SMTP, FTP, NTP, DNS, DDNS, DHCP, DIPS, ARP, Bonjour, UPnP, RTSP, RTP, RTCP, IGMP, PPPoE, 3GPP, Samba, ICMP, HTTPS
<b>Security</b>	Password protection, IP address filtering, HTTPS encrypted data transmission, user access log
<b>Users</b>	20 simultaneous unicast users
<b>Ethernet</b>	10/100M auto negotiation
<b>System Integration</b>	
<b>Application Programming Interface</b>	Open API for software integration <b>ONVIF for SDK integration</b>
<b>Alarm Triggers</b>	Intelligent video motion detection Audio detection External input
<b>Motion Detection</b>	10-zone video motion detection with included or excluded options
<b>Alarm Events</b>	● File upload via FTP

	<ul style="list-style-type: none"> <li>● File upload via SMTP email</li> <li>● File upload via Samba to NAS</li> <li>● Notification via email, HTTP, and TCP</li> <li>● DO (Alarm output )</li> <li>● Go to PT preset position</li> <li>● Audio alerting output</li> <li>● mSD card local storage</li> </ul>
<b>Video Buffer</b>	Pre and post alarm buffering
<b>General</b>	
<b>RAM</b>	256MB
<b>ROM</b>	16MB
<b>Power Supply</b>	12V DC external power adapter
<b>Connectors</b>	RJ-45 10BaseT/100BaseTX 12V DC power jack 1 alarm input and 1 output Phone jack Audio out Factory default reset mSD card
<b>ICR</b>	Yes
<b>Illumination LED</b>	12 IR LEDs
<b>Operating Temperature</b>	0°C to 40°C (32°F to 104°F)
<b>Operating Humidity</b>	20% ~ 80% (non-condensing)
<b>Dimension</b>	H x W x D: 97x86x81 mm
<b>Viewing System</b>	
<b>OS</b>	Windows® XP, Vista, Win7, Win8
<b>Browser</b>	IE 6.0 or later, Firefox 2.0 or later, Safari , Google Chrome
<b>Cell Phone</b>	With 3GPP player
<b>Video Player</b>	VLC, Quick Time, Real Player, Core Player
<b>Software</b>	
<b>Search &amp; Installation</b>	IP Wizard II
<b>Easy DDNS</b>	DIPS™
<b>Bundled NVR Program</b>	64ch. SecuGuard™ <input type="checkbox"/> * 64ch. multi-channel supports Tri-decoder <input type="checkbox"/> * 16ch. video playback (simultaneously) <input type="checkbox"/> * Smart & scrollable digital zoom. Snapshot and edit <input type="checkbox"/> * Motion, DI, Scheduler recording <input type="checkbox"/> * Fast rewind and forward (MPEG4, H.264, MJPEG rewind) <input type="checkbox"/> * 32x24 motion detection grids

	<ul style="list-style-type: none"><li><input type="checkbox"/>* Smart search (by time, by motion )</li><li><input type="checkbox"/>* E-MAP<ul style="list-style-type: none"><li>* Event schedule setting</li><li>* Remote service</li><li>* Camera tampering</li></ul></li></ul>
--	--

※ The product design and dimensions may change without previous notice for improvement of performance.