

## AM2290D H.264 2 Mega Vandal PT IR IP Camera



Member of ONVIF

- Key Features

1. H.264, MPEG4 and MJPEG simultaneously (Tri-encoders)
2. 1080p resolution @ 30fps
3. Comprehensive I/O ports: MIC in, audio out, video out, DI, DO, RS485, RJ45
4. Built in ICR for day & night surveillance without color shift, controlled by FW
5. Built in Power over Ethernet
6. IP66 weather proof construction
7. Support various protocols: RTSP, UPnP, 3GPP, HTTPS, Samba
8. Event trigger action: Send to NAS, send to FTP, send to Email, Voice alert, go preset and tour , notify to HTTP/TCP servers
9. Free bundle 64ch. SecuGuard software

Camera	
<b>Image Device</b>	2 Mega-pixel image sensor
<b>Effective Pixels</b>	1920x1080 pixels (sensor)
<b>Lens</b>	4mm
Pan & Tilt	
<b>Pan Degree</b>	355°
<b>Tilt Degree</b>	0~90°
<b>Manual Pan Degree</b>	90°/ second (max); 1°/ second (min)
<b>Manual Tilt Degree</b>	90°/ second (max); 1°/ second (min)
<b>Preset Points</b>	128 preset points
<b>Camera Tour</b>	16 tours
IP Module	
Video	
<b>Video Encoder</b>	H.264, MPEG4 and MJPEG simultaneously (Tri-encoders)
<b>Video Profile</b>	20 profiles simultaneously
<b>Frame Rate</b>	Up to 25fps for 1080P resolution. Up to 30fps for others.

<b>Region of Interest</b>	5 windows with selectable resolution and codec, max region size is 640x352
<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>	External microphone input
<b>Audio Output</b>	Adjustable audio output gain
<b>Network</b>	
<b>Supported Protocols</b>	IPv4, TCP, UDP, HTTP, HTTPS, SMTP, FTP, NTP, DNS, DDNS, DHCP, DIPS, ARP, Bonjour, UPnP, RTSP, RTP, RTCP, IGMP, PPPoE, 3GPP, Samba, ICMP
<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 and external input
<b>Motion Detection</b>	10-zone video motion detection with included or excluded options
<b>Alarm Events</b>	● File upload via FTP or email

	<ul style="list-style-type: none"> <li>● File upload via Samba to NAS</li> <li>● Notification via email, HTTP, and TCP</li> <li>● External output activation (DO)</li> <li>● Go to PT preset position</li> <li>● Audio alerting output</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>Power Consumption</b>	6.5W
<b>Connectors</b>	RJ-45 10BaseT/100BaseTX 12V DC power jack 1 alarm input and 1 output External MIC input Audio out Composite video out Factory default reset
<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: TBD
<b>PoE</b>	IEEE 802.3af
<b>Viewing System</b>	
<b>OS</b>	Windows® XP, Vista, 7
<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>	<b>64ch. SecuGuard™</b> <ul style="list-style-type: none"> <li>* 64ch. multi-channel supports Tri-decoder</li> <li>* 16ch. video playback (synchronization)</li> <li>* Smart &amp; re-sizeable digital zoom</li> <li>* Snapshot and edit</li> </ul>



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	<ul style="list-style-type: none"><li>* Motion, DI, Scheduler recording</li><li>* Fast rewind and forward (MPEG4, H.264, MJPEG rewind)</li><li>* 32x24 motion detection grids</li><li>* Smart search (by time, by motion )</li><li>* E-MAP</li><li>* Event schedule setting</li><li>* Remote service</li><li>* Camera tampering</li></ul>
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※ The product design and dimensions may change without previous notice for improvement of performance.