

## PFN-AH2816T H.264 3Mega Fisheye Vandal IP Dome



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### Key Features

- 1/2.8" 3.4 Mega-Pixel progressive scan CMOS sensor, Maximum resolution 1536 x 1536
- 360° /180° Fish-Eye panoramic wide angle view, 9 different video modes including digital PTZ function
- H.264 and M-JPEG video compression simultaneously
- H.264 high profile, main profile and baseline
- 3DNR to improve picture quality at low Lux
- WDR Enhancement function strengthens visibility under extremely bright or dark environments
- Comprehensive I/O ports: MIC in, audio out, video out, DI, DO, RS485, RJ45, uSD
- Built in Power over Ethernet
- Event trigger action: Send to NAS, send to FTP, send to Email, voice alert, go preset and tour, notify to HTTP/TCP servers

Camera	
Model No	AH2806T-A7P1ACO
Image Device	1/2.8" Sony Exmor 3 Mega-pixel image sensor
Lens	FOV=180 +/- 5°(D/H/V), F=2.0, f=1.25mm Angle of view : 360 Degree view angle
Min Illumination	0.5 Lux @ F2.0
Effective Pixels	1536 x 1536 pixels
ICR	Mechanical
IP Module	
Video	
Video Encoder	H.264 and MJPEG simultaneously
Video Profile	H.264 1536 x 1536 / 1280 x 1280 / 768 x 768 / 384 x 384 M-JPEG 1536 x 1536 / 1280 x 1280 / 768 x 768 / 384 x 384 H.264 high profile, main profile and baseline

<b>Profile Setting</b>	Every video profile has Independent CBR/ VBR/ EVBR/ GOP/ Frame rate setting
<b>Frame Rate</b>	Up to 22 fps in all resolutions
<b>Region of Interest</b>	Max. 2 ROI Editable range
<b>Iris Exposure Control</b>	Auto / Hold / Manual / Outdoor mode Manual mode : 1/30~1/27,500 seconds
<b>Image Setting</b>	AE, AWB <b>3D Noise reduction</b> <b>Digital WDR</b> Color, Brightness, Sharpness, Contrast, Hue Mirror/Flip Privacy Masks Text, time and date overlay Overlay image on video
<b>Streaming</b>	Simultaneously multi-profile streaming Streaming over UDP, TCP, HTTP, or HTTPS M-JPEG streaming over HTTP (server push) Controllable frame rate and bandwidth Constant and variable bit rate (H.264) Region of Interest (ROI) Aera of Interest (AOI)
<b>UI Layout</b>	<ul style="list-style-type: none"> <li>• 1O - One Original fish-eye view</li> <li>• 1P - One Panoramic view</li> <li>• 1R - One Regional view</li> <li>• 2P - Two Panoramic views</li> <li>• 1O3R - One Original and three Regional views</li> <li>• 4R - Four Regional views</li> <li>• 1P2R - One Panoramic and two Regional views</li> <li>• 1P3R - One Panoramic and three Regional views</li> <li>• 4R PRO - Four Regional views interactively displayed when the field of view changes in any of the views</li> </ul>
<b>Audio</b>	
<b>Audio Encoder</b>	RTSP: G.711 64kbps, G.726 32kbps, AAC (option, by request)
<b>Audio Streaming</b>	One-way or two-way
<b>Microphone</b>	External microphone in
<b>Audio Output</b>	Adjustable audio gain
<b>Network</b>	
<b>Supported Protocols</b>	IPv4, <b>IPv6</b> , TCP, UDP, HTTP, <b>HTTPS</b> , SMTP, FTP, NTP, DNS,

	DDNS, DHCP, DIPS, ARP, Bonjour, UPnP, RTSP, RTP, RTCP, IGMP, PPPoE, Samba, ICMP, <b>SNMP</b>
<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>	10/100/1000M auto negotiation
<b>System Integration</b>	
<b>Application Programming Interface</b>	ONVIF Open API for software integration SDK
<b>Event Detection</b>	Intelligent motion detection Digital input Audio detection Camera tampering
<b>Motion Detection</b>	10-zone video motion detection with included or excluded options
<b>Audio Detection</b>	Audio level 0- 100 .
<b>Event Trigger</b>	<ul style="list-style-type: none"> <li>● File upload via FTP or email</li> <li>● File upload via Samba to NAS</li> <li>● Notification via email, HTTP, and TCP</li> <li>● External output activation</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>PoE</b>	IEEE 802.3af Class 3
<b>Connectors</b>	RJ-45 10Base-T/100Base-TX/1000Base-T 12VDC power jack 1 alarm input and 1 output RS485 Audio out External MIC input Video out Factory default reset

	mSD card
<b>Mounting</b>	Side-out (via cable) and ceiling-out (via connector board)
<b>Indication LED</b>	Green and orange LEDs
<b>Construction</b>	Outdoor use <b>IP66</b>
<b>Operating Temperature</b>	<b>-10°C to 40°C</b>
<b>Operating Humidity</b>	20% ~ 80% (non-condensing)
<b>Viewing System</b>	
<b>OS</b>	Windows® XP, Vista, 7, 8
<b>Browser</b>	IE 6.0 or later, Firefox 2.0 or later, Safari , Google Chrome
<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 <input type="checkbox"/> * Smart search (by time, by motion ) <input type="checkbox"/> * E-MAP * Event schedule setting * Remote service * Camera tampering
<b>Bundle Mobile Phone APPS</b>	SecuAngel (Android) and iVanguard (iOS)

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