

PFN-AH2030T H.264 3Mega Vandal IR IP Dome



Member of ONVIF

Key Features

1. 3Mega or 1080p resolution, real-time from Sony Exmor™ CMOS image sensor
2. Gigabit (1000Base-T) Ethernet
3. H.264, MPEG4 and MJPEG simultaneously (Tri-encoders)
4. H.264 high profile, main profile and baseline
5. Multi-language OSD text
6. Comprehensive I/O ports: MIC in, audio out, video out, DI, DO, RS485, RJ45, uSD
7. Built in ICR for day & night surveillance without color shift
8. Built in Power over Ethernet
9. Event trigger action: Send to NAS, send to FTP, send to Email, voice alert, go preset and tour, notify to HTTP/TCP servers
10. Free bundle 64ch. SecuGuard software

Camera	
Model No	AH2030T-A6V1AAO
Image Device	Sony Exmor™ 3.4 Mega-pixel image sensor
Effective Pixels	2048x1536 pixels
Lens	3~9 mm vari-focal lens
Low Lux	0.5 lux @ F1.4
IRIS	DC IRIS
IR LED	15M IR distance
ICR	Mechanical
IP Module	
Video	
Video Encoder	H.264, MPEG4 and MJPEG simultaneously (Tri-encoders)
Video Profile	8-profile simultaneously @ 3M mode (4:3) 12-profile simultaneously @ 1080 mode (16:9) H.264 high profile, main profile and baseline
Profile Setting	Every video profile has Independent CBR/ VBR/ EVBR/ GOP/ Frame rate setting

Frame Rate	Up to 30fps in all resolutions
Region of Interest	Max. 2 ROI @ 3M pixels mode. Editable range Max. 3 ROI @ 1080p mode. Editable range
Iris Exposure Control	Auto mode / Outdoor mode / Manual mode Manual mode : 1/2~1/47,000 seconds
Image Setting	AE, AWB 3D Noise reduction Digital WDR Color, brightness, sharpness, contrast, Hue Mirror/Flip Privacy Masks Text, time and date overlay Overlay image on video
Streaming	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 (MPEG4 / H.264) Region of Interest (ROI) Aera of Interest (AOI)
Audio	
Audio Encoder	RTSP: G.711 64kbps, G.726 32kbps, AAC (option, by request)
Audio Streaming	One-way or two-way
Microphone	External microphone in
Audio Output	Adjustable audio gain
Network	
Supported Protocols	IPv4, IPv6 , TCP, UDP, HTTP, HTTPS , SMTP, FTP, NTP, DNS, DDNS, DHCP, DIPS, ARP, Bonjour, UPnP, RTSP, RTP, RTCP, IGMP, PPPoE, Samba, ICMP, SNMP
Security	Password protection, IP address filtering, HTTPS encrypted data transmission, user access log
Users	20 simultaneous unicast users
Ethernet	10/100/1000M auto negotiation
System Integration	
Application Programming Interface	ONVIF Open API for software integration SDK

Event Detection	<p>Intelligent motion detection</p> <p>digital input</p> <p>audio detection</p> <p>Camera tampering</p>
Motion Detection	10-zone video motion detection with included or excluded options
Audio Detection	Audio level 0- 100 .
Event Trigger	<ul style="list-style-type: none"> ● File upload via FTP or email ● File upload via Samba to NAS ● Notification via email, HTTP, and TCP ● External output activation ● Audio alerting output ● mSD card local storage
Video Buffer	Pre- and post- alarm buffering
General	
RAM	256MB
ROM	16MB
Power Supply	12V DC external power adapter
PoE	IEEE 802.3af Class 3
Connectors	<p>RJ-45 10Base-T/100Base-TX/1000Base-T</p> <p>12VDC power jack</p> <p>1 alarm input and 1 output</p> <p>RS485</p> <p>Audio out</p> <p>External MIC input</p> <p>Video out</p> <p>Factory default reset</p> <p>mSD card</p>
Mounting	Side-out (via cable) and ceiling-out (via connector board)
Indication LED	Green and orange LEDs
Construction	Outdoor use
Operating Temperature	-10°C to 40°C
Operating Humidity	20% ~ 80% (non-condensing)
Viewing System	
OS	Windows® XP, Vista, 7, 8
Browser	IE 6.0 or later, Firefox 2.0 or later, Safari , Google Chrome
Video Player	VLC, Quick Time, Real Player, Core Player

Software	
Search & Installation	IP Wizard II
Easy DDNS	DIPS™
Bundled NVR Program	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
Bundle Mobile Phone APPS	SecuAngel (Android) and iVanguard (iOS)

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