

2.0M HD IP FIXED DOME CAMERA

PIN-H2000AT



AUTO FOCUS

1080P



PIN-H2000ATIR



1080P

AUTO FOCUS



IR

FEATURES

Real-time High Definition Dome Camera

Using the state of art video compression engine, real time HD video streams of 1080p can be delivered for recording and monitoring.

Triple codec, Simultaneous Multi Streaming

Triple H/W codec enables to transmit max 3 independent streams with different settings for different requirements. Therefore, it is possible to combine seamless remote video monitoring using H.264 with simultaneous transmission of high quality MPEG-4 to Network Video Recorder. Also, additional MJPEG can be delivered for Mobile devices such as Smart Phone or PDA.

Local SD Card Backup

Some important sequence of still images can be stored in the SDHC memory card. This action can be configured to work with pre-post- alarm event or a given interval.

Day & Night by ICR

For increased sensitivity of image sensor efficiently, a mechanical actuator can shift infrared (IR) Cut filter to disengage from image path automatically in the low light environment.

POE

Built-in Power over Ethernet (IEEE 802.3af) makes installation easier, cheaper and more secure since Power over Ethernet can take advantage of UPS (uninterrupted power supply), which provides back-up power in case of a power failure.

Bidirectional Audio

PIN series provides two-way audio support. This enables remote users not only to view, but also to listen in on an area and communicate orders or requests to visitors or intruders.

90° Tilting

The 3 axis mechanism and sophisticated bubble dome design support wider tilting angle up 90 degrees. For various applications, this provides more choices and options in installation.

Vandal Proof Design

All housing is designed to withstand rugged environments. Aluminum die -casting enclosure and Poly Carbonate clear dome enables stable 24hours security tasks.

Weather Proof Design

Due to IP66 environment protection as well as built-in Fan & Heater, speed dome camera will serve you all the time regardless of rain, snow and storm.

Auto Focus

Built-in auto-focus lens makes installation easier, installer don't need to adjust the focus manually.

Specification

CAMERA		
Image Device	1/2.8" 2.0M Progressive Scan CMOS sensor	
Total Pixels	2000 (H) x 1241 (V)	
Aspect Ratio	HD: 16:9 SD: 4:3	
Focal Length	Auto Focus 3.5-16mm, F1.2,	
Horizontal angle	80.8°(W) ~ 22.1°(T)	
MIN. Illuminance	H2000AT	COLOR : 0.5Lux @ F1.2, 30IRE B/W : 0.01Lux @ F1.2, 30IRE
	H2000ATIR	COLOR : 0.5Lux @ F1.2, 30IRE B/W : 0.00Lux @ IR LED ON
S/N Ratio	50dB or More	
Day & Night	Auto / Day / Night(ICR)	
Shutter Speed	1/30~1/120 sec	
AGC	Normal, High	
White Balance	Auto / Preset / Manual	
BLC / WDR	OFF / WDR/ BCL	
DNR	OFF/ MID / HIGH	
DSS	OFF, x2, x3, x4	
Image Setting	Brightness, Sharpness	
Other Functions	Image Flip, Mirror/ACE, Privacy masking	

GENERAL		
Camera Posture	3 Axis (Pan/Tilt/Rotation)	
Sensor In/Out	Built-in 1 Input/ 1 Output	
Video Out	BNC: VBS 1.0 Vp-p	
Power	H2000AT	DC 12V 6W POE IEEE 802.3af
	H2000ATIR	DC 12V 7.5W POE IEEE 802.3af
Approvals	FCC, CE, IP68, ROHS	
Housing	Weather proof/Vandal Proof Structure Color: White Pearl	
Material	Body: Aluminum Die-casting Clear Bubble: Polycarbonate	
Dimension	Net Ø×H): Ø139 x 121.8(H) mm	
Weight	Net: 1.3 Kg, Package: 2 Kg	
Operating Temp.	-40°C ~ 50°C	

NETWORK		
OS	Embedded Linux	
Video Compression	Triple Codec,H.264/MPEG4/MJPEG	
Video Streaming	Multi Streaming CBR/VBR (Controllable frame rate and Bandwidth)	
Resolution	All Codec : 1080P/720P/D1/CIF MJPEG : QCIF	
Frame Rate	Max. 30 /25 fps for 720P/D1/CIF/QCIF	
Audio Compression	Two way, G.711 PCM. µ-law 64kbps 8kHz	
Local Storage	SDHC memory card (card is not included)	
Motion detection	Notification: FTP, e-mail, Alarm out, JPEG Recording on SD	
Alarm	Pre-Post Alarm	
Max No. of Clients	5	
Protocols Support	IPv4	ONVIF, TCP/IP, UDP/IP, RTP(UDP), RTSP, NTP, HTTP,HTTPS, SSL, DNS, DDNS, DHCP, FTP, SMTP, ICMP, SNMPv1/v2c/v3(MIB-2)
	IPv6	TCP/IP, HTTP, HTTPS, DHCP
	DDNS	Proprietary: NET4C (PROBE DDNS), Public DDNS services Support: www.dyndns.com , www.no-ip.com
	Security	HTTPS(SSL), Digest Authentication(ID/PW)
OS Supported	Windows 7, Vista, XP, 2000	