1.3M HD IP FIXED DOME CAMERA
PID-H1000D

FEATURES

1. Real-time High Definition Dome Camera

Using the state of art video compression engine, real time HD video streams of 720p can be delivered for recording and monitoring.

2. Triple codec, Simultaneous Multi Streaming

Triple H/W codec enables to transmit max 5 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.

3. 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.

4. 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.
Weather proof Design

5. 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.

6. Bidirectional Audio

PID 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.

7. 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.

8. 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.

9. 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.

Specification

CAMERA

Image Device	1/3" Sony 1.3M Progressive Scan CMOS
Total Pixels	1384(H) x 1076 (V)
Aspect Ratio	HD: 16:9 SD: 4:3
Focal Length	DC Vari-focal 2.8-10mm, F1.2
Horizontal angle	96.2°(W) ~ 28.3°(T)
MIN. Illuminance	COLOR : 4.7Lux @ F1.6, 30IRE B/W : 0.1Lux @ F1.6, 30IRE
Day & Night	Auto / Day (ICR)
Shutter Speed	1/30~1/10000 sec
AGC	Normal, High
White Balance	Auto
BLC	On/Off
Image Setting	Brightness, Sharpness
Other Functions	Image Flip, Mirror

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	DC 12V / POE IEEE 802.3af
Approvals	FCC, CE, IP66, ROHS
Housing	Weather proof/Vandal Proof Structure Color: White Pearl
Material	Body: Aluminum Die-casting Clear Bubble: Polycarbonate
Dimension	Net ⌀×H): Ø150 x 67(H) mm
Weight	Net: 1 Kg, Package: 1.5 Kg
Operating Temp.	-10°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 : 720P/D1/CIF MJPEG : QCIF
Frame Rate		Max. 30 /25 fps for 720P/D1/CIF/QCIF
Audio Compression		Two way, G.711 PCM 16kHz
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	Proprietry: NET4C (PROBE DDNS), Pubblic DDNS services Suport: www.dyndns.com, www.no-ip.com
	Security	HTTPS(SSL), Digest Authentication(ID/PW)
OS Supported		Windows 7, Vista, XP, 2000
Web-Viewer functions		Auto map, Virtual Joystick, Motion Tracking, Power PTZ