

# 2.1MP HD IP BOX CAMERA PIC-H2010T



## KEY 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

PIC 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.

## Specification

| CAMERA           |                                                             |
|------------------|-------------------------------------------------------------|
| Image Device     | 1/3" 2.1M Progressive Scan CMOS sensor                      |
| Total Pixels     | 2010(H) x 1109 (V)                                          |
| Aspect Ratio     | HD: 16:9 SD: 4:3                                            |
| MIN. Illuminance | COLOR : 0.5Lux @ F1.2, 30IRE<br>B/W : 0.01Lux @ F1.2, 30IRE |
| S/N Ratio        | 50dB or More                                                |
| Day & Night      | Auto / Day (ICR)                                            |
| Shutter Speed    | 1/30~1/120 sec                                              |
| AGC              | Normal, High                                                |
| White Balance    | Auto / Preset / Manual                                      |
| WDR / BLC        | OFF / WDR / BLC                                             |
| DNR              | OFF / MID / HIGH                                            |
| DSS              | OFF, x2, x3, x4                                             |
| Image Setting    | Brightness, Sharpness                                       |
| Other Functions  | Image Flip, Mirror/ACE, Privacy masking                     |

| GENERAL         |                                       |
|-----------------|---------------------------------------|
| Sensor In/Out   | Built-in 1 Input/ 1 Output            |
| Video Out       | BNC: VBS 1.0 Vp-p                     |
| Communication   | RS-485<br>Protocol : Pelco-D, Pelco-P |
| Power           | DC 12V 6W<br>POE IEEE 802.3af         |
| Approvals       | FCC, CE, ROHS                         |
| Material        | Body: Aluminum Die-casting            |
| Dimension       | Net Ø×H): Ø125 x 75 x 60 mm           |
| Weight          | Net: 450g, Package: 550 g             |
| Operating Temp. | -10°C ~ 50°C                          |

| NETWORK            |                                                                    |                                                                                                                                                                          |
|--------------------|--------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| OS                 | Embedded Linux                                                     |                                                                                                                                                                          |
| Video Compression  | Triple Codec,H.264/MPEG4/MJPEG                                     |                                                                                                                                                                          |
| Video Streaming    | Multi Streaming CBR/VBR<br>(Controllable frame rate and Bandwidth) |                                                                                                                                                                          |
| Resolution         | All Codec : 1080P/720P/D1/CIF<br>MJPEG : QCIF                      |                                                                                                                                                                          |
| Frame Rate         | Max. 30 /25 fps for<br>1080P/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,<br>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),<br>RTSP, NTP, HTTP,HTTPS, SSL,<br>DNS, DDNS, DHCP, FTP, SMTP, ICMP,<br>SNMPv1/v2c/v3(MIB-2)                                             |
|                    | IPv6                                                               | TCP/IP, HTTP, HTTPS, DHCP                                                                                                                                                |
|                    | DDNS                                                               | Propriety: NET4C (PROBE DDNS),<br>Public DDNS services Support:<br><a href="http://www.dyndns.com">www.dyndns.com</a> , <a href="http://www.no-ip.com">www.no-ip.com</a> |
|                    | Security                                                           | HTTPS(SSL),<br>Digest Authentication(ID/PW)                                                                                                                              |
| OS Supported       | Windows 7, Vista, XP, 2000                                         |                                                                                                                                                                          |