

# HD IP PTZ CAMERAS

PROBE HD IP camera shows a brighter and clearer picture, adopting a highly qualified CMOS Image Device. PROBE HD IP provides highly efficient PTZ cameras as well as fixed type cameras to give you a wide assortment. Users can playback a regularly stored amount of images using a memory card in an emergency situation. A highly magnificent PTZ camera performs softly and accurately and the indoor fixed dome camera is designed to withstand the external stimulation.



**x20 2MP Full HD IP PTZ Outdoor All-in-One & Indoor In-ceiling Camera**  
**PTI-H2100, H2100i**



**x28 1.43MP HD IP PTZ Outdoor All-in-One Camera**  
**PTI-H1302**



**x10 2MP HD IP PTZ In/Outdoor & Outdoor Sunshield Mount Camera**  
**PMI-H2000, H2000S**

|                          |   |  |   |
|--------------------------|---|--|---|
| <b>Image Device</b>      | 1/3" 2 Mega Pixel Progressive Scan CMOS                                   | 1/4" 1.43 Mega Pixel Progressive Scan CMOS                                 | 1/3" 2 Mega Pixel Progressive Scan CMOS   |
| <b>Lens</b>              | F 1.6(W), 3.5(T)<br>f= 4.7 ~ 94 mm<br>x20 Optical, x10 Digital Auto-focus | F 1.35(W), 3.7(T)<br>f= 3.5 ~ 98 mm<br>x28 Optical, x12 Digital Auto-focus | F 1.8(W), 2.1(T)<br>f= 5.1 ~ 51 mm<br>x10 Optical, x12 Digital Auto-focus                     |
| <b>Horizontal Angle</b>  | 55.4°(W) ~ 2.9°(T)  | 55.9°(W) ~ 2.1°(T)   | 50°(W) ~ 5.4°(T)  |
| <b>Day &amp; Night</b>   | Auto / Day / Night (ICR)  | Auto / Day / Night (ICR)   | Auto / Day / Night (ICR)  |
| <b>WDR</b>               | Auto / Manual   | Auto / Manual  | N/A   |
| <b>Min. Illuminance</b>  | Color: 1.7 Lux<br>B/W : 0.3 Lux   | Color: 0.25 Lux<br>B/W : 0.03 Lux  | Color: 12 Lux<br>B/W : 1.0 Lux  |
| <b>Video Compression</b> | Dual Codec:<br>H.264 / MJPEG  | Dual Codec:<br>H.264 / MJPEG   | Triple Codec:<br>H.264 / MPEG4 / MJPEG  |
| <b>Resolution</b>        | 1080p / 720p / D1 / CIF / QCIF  | 720p / D1 / CIF / QCIF   | 1080i / 720p / D1 / CIF / QCIF  |
| <b>Frame Rate</b>        | Max. 30 fps   | Max. 30 fps  | 1080i: Max. 15 fps<br>720p : Max. 30 fps  |
| <b>Pan / Tilt Range</b>  | Pan: 360°(Endless)<br>Tilt : 180°   | Pan: 360°(Endless)<br>Tilt : 180°  | Pan: 360°(Endless)<br>Tilt : 90°  |
| <b>Function</b>          | 1024 Presets<br>128 Patterns<br>128 Scans<br>128 Groups                   | 1024 Presets<br>128 Patterns<br>128 Scans<br>128 Groups                    | 1024 Presets<br>128 Patterns<br>128 Scans<br>128 Groups                                       |
| <b>Audio Compression</b> | Two Way<br>G.711 PCM 16kHz  | Two Way<br>G.711 PCM 16kHz   | Two Way<br>G.711 PCM 16kHz  |
| <b>Video Streaming</b>   | Multi Streaming<br>VBR / CBR<br>(Controllable Frame Rate and Bandwidth)   | Multi Streaming<br>VBR / CBR<br>(Controllable Frame Rate and Bandwidth)    | Multi Streaming<br>VBR / CBR<br>(Controllable Frame Rate and Bandwidth)                       |
| <b>Alarm In / Out</b>    | 2 In / 1 Out  | 2 In / 1 Out   | 2 In / 1 Out  |
| <b>Intelligent Video</b> | Auto map, Motion Detection<br>Auto Tracking                               | Auto map, Motion Detection<br>Auto Tracking                                | Motion Tracking, Auto-map,<br>Motion Detection  |
| <b>Security</b>          | HTTPS (SSL),<br>Digest Authentication ID/PW                               | HTTPS (SSL),<br>Digest Authentication ID/PW                                | HTTPS (SSL),<br>Digest Authentication ID/PW   |
| <b>Network</b>           | IPv4 / IPv6 / DDNS  | IPv4 / IPv6 / DDNS   | IPv4 / IPv6 / DDNS  |
| <b>Power</b>             | AC 24V<br>24W(Heater Off),<br>55W(Heater On)                              | AC 24V   | None Heater Model:<br>DC 12V(14W) / AC 24V(14W)<br>Heater Model:<br>DC 12V(16W) / AC 24V(20W) |
| <b>Approvals</b>         | IP66, FCC, CE, RoHS   | IP66, FCC, CE, RoHS  | IP66, FCC, CE, RoHS   |
| <b>Other Functions</b>   | Image Flip, Image Mirror,<br>Power-Up Action & etc.                       | Image Flip, Image Mirror,<br>Power-Up Action & etc.                        | Spot AE Position Setting,<br>Power-Up Action  |

# HD IP FIXED DOME CAMERAS



**2MP Full HD IP Fixed In/Outdoor Dome Camera**  
**PID-H2010T, H2010TIR**



**1MP HD IP Fixed In/Outdoor Dome Camera**  
**PID-H1000D**



**1MP HD IP Fixed In/Outdoor Dome Camera**  
**PID-H1000B**



**2MP Full HD IP Fixed In/Outdoor Dome Camera**  
**PIN-H2010T, H2010TIR**



**1.3MP HD IP Fixed In/Outdoor Dome Camera**  
**PIN-H1310T, H1310TIR**

|                          |   |   |   |   |   |
|--------------------------|---|---|---|---|---|
| <b>Image Device</b>      | 1/3" 2.1 Mega Pixel Progressive Scan CMOS                               | 1/4" 1 Mega Pixel OmniVision Progressive Scan CMOS                      | 1/4" 1 Mega Pixel OmniVision Progressive Scan CMOS                      | 1/3" 2.1 Mega Pixel Progressive Scan CMOS                               | 1/3" 1.3 Mega Pixel Progressive Scan CMOS                               |
| <b>Lens</b>              | DC Vari-focal<br>F 1.2<br>f= 2.8 ~ 10 mm                                | DC Vari-focal<br>F 1.2<br>f= 2.8 ~ 10 mm                                | Fixed<br>F 1.8<br>f= 3.0 mm   | DC Vari-focal<br>F 1.2<br>f= 3.6 ~ 16 mm                                | DC Vari-focal<br>F 1.2<br>f= 3.6 ~ 16 mm                                |
| <b>Zoom</b>              | x112 Digital Zoom   | N/A   | N/A   | x112 Digital Zoom   | x112 Digital Zoom   |
| <b>Horizontal Angle</b>  | 96.2°(W) ~ 28.3°(T)   | 96.2°(W) ~ 28.3°(T)   | 91.2°   | 96.2°(W) ~ 28.3°(T)   | 96.2°(W) ~ 28.3°(T)   |
| <b>Day &amp; Night</b>   | Auto / Day / Night<br>(PID-H2010TIR: ICR)                               | Auto / Day / Night (ICR)  | Auto / Day / Night (ICR)  | Auto / Day / Night<br>(PIN-H2010TIR: ICR)                               | Auto / Day / Night<br>(PIN-H1310TIR: ICR)                               |
| <b>Min. Illuminance</b>  | Color: 0.5 Lux<br>B/W : 0.01 Lux<br>(IR-LED ON: 0.00 Lux)               | Color: 0.2 Lux<br>B/W : 0.03 Lux  | Color: 0.2 Lux<br>B/W : 0.03 Lux  | Color: 0.5 Lux<br>B/W : 0.01 Lux<br>(IR-LED ON: 0.00 Lux)               | Color: 0.5 Lux<br>B/W : 0.01 Lux<br>(IR-LED ON: 0.00 Lux)               |
| <b>Video Compression</b> | Triple Codec:<br>H.264 / MPEG4 / MJPEG                                  | Triple Codec:<br>H.264 / MPEG4 / MJPEG                                  | Triple Codec:<br>H.264 / MPEG4 / MJPEG                                  | Triple Codec:<br>H.264 / MPEG4 / MJPEG                                  | Triple Codec:<br>H.264 / MPEG4 / MJPEG                                  |
| <b>Resolution</b>        | 1080p / 720p / D1 / CIF / QCIF  | 720p / D1 / CIF / QCIF  | 720p / D1 / CIF / QCIF  | 1080p / 720p / D1 / CIF / QCIF  | 720p / D1 / CIF / QCIF  |
| <b>Frame Rate</b>        | Max. 30 fps   | Max. 30 fps   | Max. 30 fps   | Max. 30 fps   | Max. 30 fps   |
| <b>Privacy Zone</b>      | 28 Privacy Zones  | 2 Privacy Zones   | 2 Privacy Zones   | 28 Privacy Zones  | 28 Privacy Zones  |
| <b>Audio Compression</b> | Two Way<br>G.711 PCM 16kHz  | Two Way<br>G.711 PCM 16kHz  | Two Way<br>G.711 PCM 16kHz  | Two Way<br>G.711 PCM 16kHz  | Two Way<br>G.711 PCM 16kHz  |
| <b>Video Streaming</b>   | Multi Streaming<br>VBR / CBR<br>(Controllable Frame Rate and Bandwidth) | Multi Streaming<br>VBR / CBR<br>(Controllable Frame Rate and Bandwidth) | Multi Streaming<br>VBR / CBR<br>(Controllable Frame Rate and Bandwidth) | Multi Streaming<br>VBR / CBR<br>(Controllable Frame Rate and Bandwidth) | Multi Streaming<br>VBR / CBR<br>(Controllable Frame Rate and Bandwidth) |
| <b>Alarm In/Out</b>      | 1 In / 1 Out  | 1 In / 1 Out  | 1 In / 1 Out  | 1 In / 1 Out  | 1 In / 1 Out  |
| <b>Intelligent Video</b> | Motion Detection  | Motion Detection  | Motion Detection  | Motion Detection  | Motion Detection  |
| <b>Security</b>          | HTTPS (SSL),<br>Digest Authentication ID/PW                             | HTTPS (SSL),<br>Digest Authentication ID/PW                             | HTTPS (SSL),<br>Digest Authentication ID/PW                             | HTTPS (SSL),<br>Digest Authentication ID/PW                             | HTTPS (SSL),<br>Digest Authentication ID/PW                             |
| <b>Network</b>           | IPv4 / IPv6 / DDNS  | IPv4 / IPv6 / DDNS  | IPv4 / IPv6 / DDNS  | IPv4 / IPv6 / DDNS  | IPv4 / IPv6 / DDNS  |
| <b>Power</b>             | DC 12V<br>PoE IEEE 802.3af Class 0                                      | DC 12V<br>PoE IEEE 802.3af Class 0                                      | DC 12V<br>PoE IEEE 802.3af Class 0                                      | DC 12V<br>PoE IEEE 802.3af Class 0                                      | DC 12V<br>PoE IEEE 802.3af Class 0                                      |
| <b>Approvals</b>         | IP66, FCC, CE, RoHS   | IP66, FCC, CE, RoHS   | IP66, FCC, CE, RoHS   | IP66, FCC, CE, RoHS   | IP66, FCC, CE, RoHS   |
| <b>Other Functions</b>   | Image Flip, Mirror/ACE  | Image Flip, Mirror/ACE  | Image Flip, Mirror/ACE  | Image Flip, Mirror/ACE  | Image Flip, Mirror/ACE  |
| <b>IR-LED</b>            | PID-H2010TIR: 18 pcs  | N/A   | N/A   | PIN-H2010TIR: 20 pcs  | PIN-H1310TIR: 20 pcs  |