

## Day & Night 1080P HD Vandal Resistant Dome IP Camera

### AiP-P24N/P53N

#### Day & Night 1080P HD Vandal Resistant Dome IP Camera

- True H.264 AVC/MPEG-4 part 10 real-time video compression
- H.264 and Motion JPEG multi-profile video streaming
- 3D noise reduction (MCTF) / 2D WDR function
- Face / Tampering / Audio / Motion detection alarm function ( P24N )
- Impact Resistant Polycarbonate Dome Cover
- Day & Night (IR cut removable) / Digital PTZ supported
- 2-way audio supported
- Support Moon Light and Quadruple / Triple Streaming technologies

### AiP-P24N/P53N



| IP CAMERA SERIES        |               |  |                                  |
|-------------------------|---------------|--|----------------------------------|
| Model                   | P24N-05Y2B    |  | P53N-05Y2B                       |
| Lens                    | Focal Length  |  | 2.8~ 10 mm                       |
|                         | Iris          |  | F1.4                             |
|                         | Angle of View | H  | 95° ~ 35.8°                      |
|                         |               | V  | 82.9° ~ 31.9°                    |
| D                       |               | 128.8° ~ 40.8°   |                                  |
| Pick Up Element         |               | 1/2.7" CMOS image sensor   | 1/2.5" CMOS image sensor         |
| Effective Pixels        |               | 1920 (H) x 1080 (V) = 2,073,600 (pixel)  |                                  |
| Chip Size               |               | 5.856mm (H) x 3.276mm (V)  | 5.70mm (H) x 4.28mm (V)          |
| Scanning System         |               | Progressive Scan   |                                  |
| Infrared Cut Filter     |               | Auto / Schedule / Day (Color) / Night (Mono)                                   |                                  |
| Min. Illumination       |               | 0.015Lux at F1.4 (Low Light Mode)  | 0.03Lux at F1.4 (Low Light Mode) |
| White Balance           |               | Auto / Tungsten / Indoor / Fluorescents1 / Fluorescents2 / Outdoor1 / Outdoor2 |                                  |
| Back Light Compensation |               | Off / On   |                                  |
| Electronic Shutter      |               | 1/30(25)s ~ 1/8000s  |                                  |
| Sense Up                |               | Off / 1 Frame / 2 Frames / 3 Frames / 7 Frames                                 |                                  |
| Moon Light              |               | Yes  |                                  |
| Auto Gain Control       |               | 36 dB Variable Gain  |                                  |
| 3D Noise Reduction      |               | Off / 1 ~ 32 Selectable  |                                  |
| 2D WDR                  |               | Off / On   |                                  |
| Privacy Masking         |               | Off / On (4 zones)   |                                  |
| Image Effects           |               | Brightness, Contrast, Hue, Saturation, Sharpness, Mirror, Flip                 |                                  |
| Live Video Output       |               | CVBS 1.0Vp-p, 75 ohm, RCA connector  |                                  |
| Audio In / Output       |               | Mono, 1.4 Vp-p , 50 KΩ , Terminal connector                                    |                                  |
| IP Rating               |               | IP67   |                                  |
| Operating Temperature   |               | -30°C ~ +60°C  |                                  |
| Dimension               |               | Φ145 x 130mm   |                                  |
| Weight                  |               | 960g   |                                  |
| Power Supply            |               | DC12V ±10% / PoE (IEEE 802.3af compliant)                                      |                                  |
| Power Consumption       |               | DC12V, 6W / PoE, 7.5W  |                                  |

| NETWORK              |  |   |   |  |
|----------------------|--|---|---|--|
| Model                | P24N-05Y2B   |   | P53N-05Y2B  |  |
| Resolution           | 1080P(1920 x 1080), 720P(1280 x 720), D1(720 x 480), CIF(352 x 240)                              |   |   |  |
| Multiple profile     | Profile #1   | H.264 : up to 30 fps @ 1920 x 1080<br>MJPEG : up to 30 fps @ 720 x 480  | H.264 : up to 15 fps @ 1920 x 1080<br>MJPEG : up to 30 fps @ 720 x 480  |  |
|                      | Profile #2   | H.264 : up to 30 fps @ 1280 x 720<br>MJPEG : up to 30 fps @ 352 x 240   | H.264 : up to 30 fps @ 1280 x 720<br>MJPEG : up to 30 fps @ 352 x 240   |  |
|                      | Profile #3   | H.264 : up to 30 fps @ 1920 x 1080<br>MJPEG : up to 30 fps @ 1280 x 720 | H.264 : up to 15 fps @ 1920 x 1080<br>MJPEG : up to 30 fps @ 1280 x 720 |  |
|                      | Profile #4   | H.264 : up to 30 fps @ 720 x 480<br>MJPEG : up to 15 fps @ 1920 x 1080  | NA  |  |
| Video Streaming      | RTP/HTTP, RTP/TCP, RTP/UDP   |   |   |  |
| Video Bitrate        | 128Kbps ~ 5Mbps  |   |   |  |
|                      | Frame rate and bit rate controllable on-the-fly  |   |   |  |
|                      | VBR / CBR / GOP supported  |   |   |  |
| Security             | Base64 HTTP encryption   |   |   |  |
|                      | Multiple user access levels with password protection   |   |   |  |
|                      | 10 user accounts available   |   |   |  |
| Users                | 8 simultaneous users   |   |   |  |
| ePTZ & Digital Zoom  | Yes, ROI is supported  |   | Digital Zoom  |  |
| OSD                  | Text overlay for date, time, and camera name   |   |   |  |
| Alarm Function       | Alarm / motion / tampering / face detection triggering recording into SD card                    |   | Alarm / motion detection triggering recording into SD card              |  |
|                      | Image upload over FTP and E-mail by face / tampering / audio / motion detection                  |   | Image upload over FTP and E-mail by motion detection                    |  |
| CPU, Memory          | Embedded SoC ARM11, 528MHz, 256MB DDR2, 256MB flash memory                                       |   |   |  |
| Maintenance          | Firmware update via HTTP   |   |   |  |
|                      | Firmware available at web site   |   |   |  |
| Network Interface    | 10Mbps / 100Mbps Base-T, RJ-45   |   |   |  |
| PC Requirement       | OS : Windows 2000, Windows XP, Windows Vista, Windows 7  |   |   |  |
|                      | Browser : Windows Internet Explorer 6, 7, 8  |   |   |  |
|                      | CPU : Intel Pentium 4 1.8GHz or above  |   |   |  |
|                      | RAM : 1GB or above, Independent Display Card   |   |   |  |
| Network Protocols    | IP, TCP, UDP, HTTP, SMTP, NTP, DDNS, UPnP, FTP, ARP, DHCP, PPPoE, DNS, RTSP, RTCP, Telnet, ONVIF |   |   |  |
| Mobile Phone and PDA | iPhone, iPad, and Android support  |   |   |  |
| System Integration   | ONVIF & ACUMEN HTTP API  |   |   |  |
| CMS                  | AiM HD 2.6 support   |   |   |  |
| Video Display        | ACUMEN Universal ActiveX & ACUMEN Java Applet  |   |   |  |
| OS                   | Embedded Linux 2.6.32  |   |   |  |
| Two-way Audio        | G.711 / PCM  |   |   |  |
| SD Card Recording    | Support Micro SD/SDHC card for circular recording (card is not included)                         |   |   |  |
| Alarm Input / Output | Digital 1 input (TTL, +3 ~ 5V) / 1 Output (N.O.)   |   |   |  |