

Day & Night 5MP HD IP Camera

AiP-B54A

Day & Night 5MP HD IP Camera

- Full HD 5 megapixel CMOS image sensor
- 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
- Digital PTZ supported
- Face / Tampering / Audio / Motion detection alarm function
- Day & Night (IR cut removable)
- 2-way audio supported
- Support Moon Light and Quad ruple Streaming technologies

AiP-B54A



| IP CAMERA SERIES | | | |
|-------------------------|---------------|--|-----|
| Model | | B54A-05Y2B | |
| Lens | Focal Length | | N/A |
| | Iris | | N/A |
| | Angle of View | H | N/A |
| | | V | N/A |
| D | | N/A | |
| Pick Up Element | | 1/2.5" CMOS image sensor | |
| Effective Pixels | | 2592 (H) x 1944 (V) = 5,038,848 (pixel) | |
| Chip Size | | 5.70mm (H) x 4.28mm (V) | |
| Scanning System | | Progressive Scan | |
| Infrared Cut Filter | | Auto / Schedule / Day (Color) / Night (Mono) / External control | |
| Min. Illumination | | 0.2 Lux at F1.2 (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, BNC connector | |
| Audio In / Output | | Mono, 1.4 Vp-p , 50 KΩ , 3.5mm phone jack | |
| Operating Temperature | | -30°C ~ +60°C | |
| Dimension | | 70mm(W) x 50mm(H) x 122mm(D) | |
| Weight | | 550g | |
| Power Supply | | DC12V ±10% / PoE (IEEE 802.3af compliant) | |
| Power Consumption | | DC12V, 6W / PoE, 7.5W | |

| NETWORK | | |
|----------------------|--|---|
| Model | B54A-05Y2B | |
| Resolution | 5MP(2592 x 1944), 3MP(2560 x 1440),1080P(1920 x 1080), 720P(1280 x 720),D1(720x480) | |
| Multiple profile | Profile #1 | H.264 : up to 30 fps @ 1920 x 1080 , MJPEG : up to 30 fps @ 720 x 480 |
| | Profile #2 | H.264 : up to 30 fps @ 1280 x 720 , MJPEG : up to 30 fps @ 352 x 240 |
| | Profile #3 | H.264 : up to 30 fps @ 720 x 480 , MJPEG : up to 15 fps @ 1920 x 1080 |
| | Profile #4 | H.264 : up to 15 fps @ 2560x 1440 , MJPEG : up to 15 fps @ 720 x 480 |
| | Profile #5 | H.264 : up to 12 fps @ 2592 x 1944 |
| 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 | |
| OSD | Text overlay for date, time, and camera name | |
| Alarm Function | Alarm / motion / tampering / face detection triggering recording into SD card | |
| | Image upload over FTP and E-mail by face / tampering / audio / 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 SD/SDHC card for circular recording (card is not included) | |
| Alarm Input / Output | Digital 1 input (TTL, +3 ~ 5V) / 1 Output (N.O.) | |