

## PFN-AM2110D 2M Tiny Cube IP Camera (LAN)

## PFN-AM2120D 2M Tiny Cube IP Camera (WLAN)



### Key Features

1. H.264 and MJPEG simultaneously
2. 1600\*1200 resolution, max 15fps (2M mode)
3. 1280\*720 resolution, max 30fps (720P HD mode)
4. 802.11n WLAN function (AM2120D)
5. Support various protocols: RTSP, UPnP, 3GPP, HTTPS, Samba
6. Event trigger action: Send to NAS, send to FTP, send to Email, Voice alert, save to mSD card, notify to HTTP/TCP servers
7. Free bundle 64ch. SecuGuard software

| Camera module    |  |
|------------------|--|
| Image Device     | 1/3" 2 Mega-pixel image sensor   |
| Effective Pixels | 1600 x 1200 pixels   |
| Lens             | 4.3mm  |
| Video            |  |
| Video Encoder    | H.264 and Motion JPEG simultaneously   |
| Video Mode       | 2M Mode (4:3) and 720p Mode (16:9)   |
| Video Profile    | 8 profiles simultaneously  |
| Frame Rate       | Up to 15fps @ 1600x1200 mode (2 Mega-pixel mode)<br>Up to 30fps @ 1280x720 mode (720P HD mode)   |
| Image Setting    | AE, AWB<br>3D Noise reduction<br>Exposure Value, Color Level, Brightness, Sharpness, Contrast<br>Mirror/Flip<br>8 Privacy Masks<br>Text, time and date overlay             |
| Streaming        | Simultaneously multi-profile streaming<br>Streaming over UDP, TCP, HTTP, or HTTPS<br>M-JPEG streaming over HTTP (server push)<br>Supports 3GPP mobile surveillance (MPEG4) |

|                            |   |
|----------------------------|---|
|                            | Controllable frame rate and bandwidth<br>Constant and variable bit rate (MPEG4 / H.264)   |
| <b>ROI</b>                 | 2 windows, free scale region of interest  |
| <b>Audio</b>               |   |
| <b>Audio Encoder</b>       | RTSP: G.711 64kbps, G.726 32kbps<br>3GPP: AMR   |
| <b>Audio Streaming</b>     | One-way or two-way  |
| <b>Audio Input / Out</b>   | Built-in MIC<br>Line out  |
| <b>Audio Output</b>        | Adjustable audio output gain  |
| <b>Network</b>             |   |
| <b>Ethernet</b>            | 10/100M auto negotiation  |
| <b>Wireless</b>            | <b>802.11n (AM2120D)</b>  |
| <b>Supported Protocols</b> | IPv6, IPv4, TCP, UDP, HTTP, HTTPS, SMTP, FTP, NTP, DNS, DDNS, DHCP, DIPS, ARP, Bonjour, UPnP, RTSP, RTP, RTCP, IGMP, PPPoE, 3GPP, Samba, ICMP   |
| <b>DDNS</b>                | DIPS™   |
| <b>NAT Transversal</b>     | UPnP NAT transversal  |
| <b>Security</b>            | Password protection, IP address filtering,<br>HTTPS encrypted data transmission, user access log  |
| <b>Users</b>               | 20 simultaneous unicast users   |
| <b>System Integration</b>  |   |
| <b>SDK</b>                 | Open API for software integration<br><b>ONVIF</b>   |
| <b>Alarm Triggers</b>      | Intelligent video motion detection  |
| <b>Motion Detection</b>    | Video motion detection up to 10 windows   |
| <b>Alarm Events</b>        | <ul style="list-style-type: none"> <li>● File upload via FTP or email</li> <li>● File upload via Samba to NAS</li> <li>● Notification via email, HTTP, and TCP</li> <li>● <b>Audio alerting output (speaker)</b></li> <li>● mSD card local storage</li> </ul> |
| <b>Video Buffer</b>        | Pre- and post- alarm buffering  |
| <b>General</b>             |   |
| <b>Power Supply</b>        | 12V DC external power adapter   |
| <b>Connectors</b>          | RJ-45 10BaseT/100BaseTX<br>DC power jack<br>Audio out cable<br>mSD card   |

|                                  |   |
|----------------------------------|---|
|                                  | Factory default reset   |
| <b>Indication LED</b>            | Green and orange LEDs   |
| <b>Operating Temperature</b>     | 0°C ~ 40°C (32°F to 104°F)  |
| <b>Operating Humidity</b>        | 20% ~ 80% (non-condensing)  |
| <b>Viewing System</b>            |   |
| <b>OS</b>                        | Windows® XP, Vista, Win7, Win8  |
| <b>Browser</b>                   | IE 6.0 or latter / Firefox / Safari / Chrome  |
| <b>Cell Phone</b>                | With 3GPP player, iPhone™, Android™   |
| <b>Video Player</b>              | VLC, Quick Time, Real Player, Core Player, iPhone™ & Android™ App   |
| <b>Software</b>                  |   |
| <b>Search &amp; Installation</b> | IPWizard II   |
| <b>Bundled NVR Program</b>       | <p>SecuGuard 6.x:</p> <ul style="list-style-type: none"> <li>* 64ch. multi-channel supports Tri-decoder</li> <li><input type="checkbox"/> * 16ch. video playback (synchronization)</li> <li><input type="checkbox"/> * Smart &amp; re-sizeable digital zoom.</li> <li>* Snapshot and edit</li> <li><input type="checkbox"/> * Motion, DI, Scheduler recording</li> <li><input type="checkbox"/> * Fast rewind and forward (MPEG4, H.264, MJPEG rewind)</li> <li><input type="checkbox"/> * 32x24 motion detection grids</li> <li><input type="checkbox"/> * Smart search (by time, by motion )</li> <li><input type="checkbox"/> * E-MAP</li> <li>* Event schedule setting</li> <li>* Remote service</li> <li>* Camera tampering</li> </ul> |

※ The product design and dimensions may change without previous notice for improvement of performance.