



# IPBY76W Series

## Wireless Network Camera

### (MPEG-4 / Day & Night)



#### FEATURES

- Low-latency video streaming with MPEG-4 compression format for sharp and clear images
- **Mobile Surveillance:** Support Symbian s60 v3.0, Mobile Pocket PC operation system
- Supports 802.11 B/G WiFi function
- High performance image sensor with high quality pictures
- Constant Speed PTZ dome, 360° continuous pan, 90° Tilt, can built-in 10x Optical Zoom
- built-in web server with free domain name, can view & recording and update firmware online
- Hybrid digital / analog video output
- Motion detection and alarm notification functions, Image upload over FTP and Email
- External microphone in / audio out for two-way voice communication
- Day & night functionality with Smart Light Control feature for clear and accurate image
- Complete IP surveillance system SuperIPCAM which have 3 languages (English, Spanish, Chinese)

#### IP FEATURES

1. Use of mature and stable ARM9-MCU+ high-compression chips for hard-coded, compression algorithm was optimized on the basis of MPEG4.
2. The IP module is built-in free domain name, have a Searcher\_tool tool to setup and find camera's IP address, and have a 64-CH IP Surveillance system.
3. Support 802.11 B/G WIFI and web surveillance with 20 users simultaneously
4. Support real-time viewing by phone, support Alarm-Mainframe and Cellphone alarm
5. Support the image resolution from QCIF to D1 (720x576) /25FPS.
6. Support 25FPS real-time transmission on WAN, software and web server PTZ control via RS-485 (PELCO-D/PELCO-P protocol)
7. Support image upload over FTP and Email, support PPPoE directly connecting modem and work.
8. Code Rate and Network bandwidth adjustable, frame rate and resolution adjustable, Chinese/English/Spanish menu.
9. Support snapshot and recording online, Support efficient access encryption login purview verification.
10. Can be extended two-way audio
11. Screen characters superimposition, Logo change, rotation image 180 degrees
12. Support for audio and video synchronization. PAN / TILT / ZOOM protocol optional.
13. Security system ensuring long time continuously work and nothing freezes.
14. Hybrid digital / analog video output
15. IP Surveillance system upgrade online, System auto recovery after power reconnected



# Shenzhen Xinlianxiang Industry Co.,LTD

## SPECIFICATIONS

| IPBY76W series                    |  |                   |            |            |  |
|-----------------------------------|--|-------------------|------------|------------|--|
| <b>◆ Network</b>                  |  |                   |            |            |  |
| LAN Port                          | YES  |                   |            |            |  |
| LAN Speed                         | 10/100 Based-T Ethernet  |                   |            |            |  |
| Supported Protocols               | DDNS, PPPoE, DHCP, NTP, SNTP, TCP/IP, ICMP, SMTP, FTP, HTTP, RTP   |                   |            |            |  |
| Mobile Surveillance               | Support Symbian s60 v3.0, Mobile Pocket PC operation system  |                   |            |            |  |
| WiFi Features (optional)          | (1) Supports 802.11 b/g WiFi (2) Ad-Hoc and infrastructure mode  |                   |            |            |  |
| Frame Rate                        | NTSC: 30, PAL: 25  |                   |            |            |  |
| Number of Online Users            | 20   |                   |            |            |  |
| CBR                               | 36Kbps~3Mbps, Image quality and Frame rate adjustable.   |                   |            |            |  |
| Security                          | Multiple user access levels with password protection, WEP 64/128 bit   |                   |            |            |  |
| Web management                    | The licensed software "SuperIPCAM" for up to 64 network cameras control simultaneously   |                   |            |            |  |
| <b>◆ Video / Audio</b>            |  |                   |            |            |  |
| Video Compression                 | MPEG4  |                   |            |            |  |
| Video Remote Control              | YES  |                   |            |            |  |
| Image processing                  | Support Character, Time, Code rate nestification, Support Privacy Mask   |                   |            |            |  |
| Video Adjustment                  | Brightness, Contrast, Saturation and Hue   |                   |            |            |  |
| Audio Compression                 | ULaw, 128kbps  |                   |            |            |  |
| Audio Input                       | Built-in Microphone, External Microphone Input   |                   |            |            |  |
| Audio Output                      | YES  |                   |            |            |  |
| <b>◆ Camera</b>                   |  |                   |            |            |  |
| Product name                      | IPBY76W-1  | IPBY76W-2         | IPBY76W-3  | IPBY76W-4  | IPBY76W-31009A   |
| Image Sensor                      | 1/4" SONY CCD  | 1/3" SONY HAD CCD |            |            | SAMSUNG SDM-100<br>1/4" Super HAD Color CCD<br>SSNR denoise chip |
| TV Line                           | 420TV Line   | 420TV Line        | 480TV Line | 540TV Line | Color:500TVL,B/W:570TVL  |
| Pixels                            | NTSC: 720(H) × 480(V) / PAL: 720(H) × 576(V)   |                   |            |            |  |
| Lens                              | 6mm (8, 12,16mm optional)  |                   |            |            | 10X Optical Zoom,10X Digital Zoom<br>f=3.8~38mm                  |
| F-number                          | F1.2   |                   |            |            | OSD Menu: English  |
| Viewing Angle                     | 30~60°   |                   |            |            |  |
| Shutter Speed                     | 1 / 60 (1/50) to 1 / 100,000 sec.  |                   |            |            |  |
| IR LED                            | NO   |                   |            |            |  |
| Min Illumination                  | 0.5 Lux  | 0.1 Lux           |            |            | 0.7Lux@F1.8 (color),<br>0.02Lux(B/W),<br>0.005Lux(sens-up).      |
| Video Output                      | 1.0 Vp-p. 75Ω  |                   |            |            |  |
| BLC                               | AUTO   |                   |            |            |  |
| White Balance                     | ATW  |                   |            |            |  |
| <b>◆ Others</b>                   |  |                   |            |            |  |
| Remote Control                    | YES  |                   |            |            |  |
| Motion Detection                  | YES  |                   |            |            |  |
| Alarm and event Notification      | Image upload over FTP and Email  |                   |            |            |  |
| General I/O                       | Alarm in x1  |                   |            |            |  |
| Power                             | DC 12V, 1A   |                   |            |            |  |
| Operating Temperature             | -10~55℃  |                   |            |            |  |
| Humidity                          | 10~85%   |                   |            |            |  |
| Minimum Web Browsing Requirements | <ul style="list-style-type: none"> <li>· Pentium 4 CPU 1.3 GHz or higher, or equivalent AMD</li> <li>· 256 MB RAM</li> <li>· AGP graphics card, Direct Draw, 32MB RAM</li> <li>· Windows Vista, XP, Windows 2000 Server, ME, 98, DirectX 9.0 or later</li> <li>· Internet Explorer 6.x or later</li> </ul> |                   |            |            |  |
| Dimension (mm)                    | 225*200*185  |                   |            |            |  |
| Shipping Weight                   | 1.45 KG excluding mounting bracket and power supply  |                   |            |            |  |
| In/Out Door Use                   | Indoor   |                   |            |            |  |

ADDRESS: JianAn garden Compositive Building D602, BaoAn District 9 Area, ShenZhen city, Guangdong Province

TEL: 0755-8375 4030、8375 4050

FAX: 0755-8375 3559

WEBSITE: <http://www.cctv180.com>

EMAIL: [dcamera@cctv180.com](mailto:dcamera@cctv180.com) / [sales@cctv180.com](mailto:sales@cctv180.com) / [camera180@cctv180.com](mailto:camera180@cctv180.com)