



# Pan/Tilt Internet Camera

www.mybluejay.com

*More Than Your Eyes Can See*

## BCN-515

The BlueJay Network Camera is specially designed for Home/SOHO/SME (small & medium enterprise) application. It allows you to watch your home, kids, workplace, and etc. anytime and anywhere in the world. When connecting to the network over 10/100 Ethernet cable, you can use a Windows-based PC or Laptop computer to see, or to record the video streams, locally or through internet.

The cameras also feature multiple resolutions and multiple video compressions to fulfill different users' demand simultaneously.



### FEATURES

- Easy installation with IPWizard
- Easy installation with UPnP Transversal (port forwarding)
- Ease to use Dynamic IP Service, DIPSr
- Simultaneous MJPEG and MPEG4 encoders, Multi-profile function @30 fps for all video resolutions
- Object detection to trigger preset
- Allows remote access from web browser for live video viewing and audio monitoring
- Supports TCP/IP networking, SMTP e-mail, FTP, HTTP and other Internet related protocols
- Implemented for motion detection and e-mail or FTP image notice
- Built-in high brightness IR LEDs for night or dark environment operation
- 3GPP for 3G mobile remote application
- Two-way audio for remote conversation and voice warning

### REGULATORY COMPLIANCE

- FCC/CE

### SOFTWARE

- OS : Microsoft Windows 2000/XP/Vista
- Active X
- Browser : IE 6.0 or above
- Surveillance software :
  - Monitor and play 16 channels video simultaneously
  - Real-time motion detection and alerts
  - Multiple recording schemes, trigger by Schedule and Event
  - System and event Log Viewer, backup management
  - User account management
  - Intelligent video search

### SPECIFICATIONS

- **Camera**
  - High sensitivity 1/4" Color CMOS sensor, 300K pixel
  - Lens : f3.6 @ F2.0 Board Lens
  - Scan Method : Progressive
  - Sensitivity : 3.0V/Lux-Sec
  - Auto white balance, Auto exposure
- **Video**
  - Compression : MPEG4 / JPEG dual codec (simultaneously)
  - Video frame rate : Up to 30fps for all resolutions
  - Compression rate selection : 1~100
  - Multi-profile :
    - MPEG4 160x120, 320x240, 640x480
    - MJPEG 160x120, 320x240 or 640x480 (selectable)
- **Hardware Interface**
  - LAN port : RJ-45, 10/100M auto-sensed
  - 4pcs IR LED, IR distance: 10 meter
  - Audio in: Build-in microphone
  - Audio line out: external phone jack
  - Pan range: 355 degree; maximum speed 180 degree/sec
  - Tilt range: 100 degree; maximum speed 120 degree/sec
- **Audio**
  - 2-way audio: Simplex / Duplex
  - Codec : G.726, AMR
- **Networking Protocols**
  - HTTP, RTSP, FTP, SMTP, TCP/IP, UDP, ARP, ICMP, DHCP, DDNS, UPnP, 3GPP, PPPoE, NTP
  - Video stream : RTSP over UDP/TCP/HTTP
- **Power**
  - DC 12V, universal switching power adaptor
  - Power consumption :
    - 4.0W (0.35A x 12 V) , maximum W/O WLAN+LED ON
    - 6.0W (0.5Ax12V), maximum W/ WLAN+LED ON
- **Operating environment**
  - Operating temperature : 0°C ~ 40°C ( 32°F~104°F )
  - Humidity : 10% ~ 80% non-condensing

### Algolware Corporation

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