

BlueEyes BE-3204PTZ

MPEG-4/MJPEG High-speed IP Dome Camera

www.BlueEyes.com.tw



Features

- MJPEG / MPEG4 video compression (whichever you prefer).
- 1/4" Exview HAD CCD.
- Horizontal resolution: 520 TV lines.
- Optional optical zoom (18X, 26X, 36X; Sony sensor) and 12X digital zoom.
- Pan range: 0~360° / Tilt range: 0~180°.
- Built-in Web server and motion detection.
- Supports 4 alarm inputs / 1 output and 1 audio input/ 1 output.

BlueEyes

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Specification

Video system

- Video sensor: 1/4" Exview HAD CCD
- Horizontal resolution: 520 TV lines
- Image Pixel: 704(H) x 480(V)
- Lens:
 - BE-3204A: 18x optical zoom, f=4.1 mm(wide) to 73.8 mm (tele), F1.4 to F3.0
 - BE-3204B: 26x optical zoom, f=3.5 mm(wide) to 91.0mm (tele), F1.6 to F3.8
 - BE-3204C: 36x optical zoom, f=3.4 mm(wide) to 122.4 mm (tele), F1.6 to F4.5
- Digital zoom:
 - BE-3204A: 12x (216x with optical zoom)
 - BE-3204B: 12x (312x with optical zoom)
 - BE-3204C: 12x (432x with optical zoom)
- Viewing angle(H):
 - BE-3204A: 48.0° (wide end) to 2.8° (tele end)
 - BE-3204B: 54.2° (wide end) to 2.2° (tele end)
 - BE-3204C: 57.8° (wide end) to 1.7° (tele end)
- BE-3204A Min. illumination:
 - Color:
 - 0.7lux (NTSC: 1/60sec, PAL: 1/50sec)
 - 0.07lux (NTSC: 1/4 sec, PAL: 1/3sec)
 - B/W (IR Cut ON):
 - 0.01lux (NTSC: 1/4 sec, PAL: 1/3sec)
- BE-3204B Min. illumination:
 - Color:
 - 0.7lux (NTSC: 1/60sec, PAL: 1/50sec)
 - 0.07lux (NTSC: 1/4 sec, PAL: 1/3sec)
 - B/W (IR Cut ON):
 - 0.01lux (NTSC: 1/4 sec, PAL: 1/3sec)
- BE-3204C Min. illumination:
 - Color:
 - 1.4lux (NTSC: 1/60sec, PAL: 1/50sec)
 - 0.1lux (NTSC: 1/4 sec, PAL: 1/3sec)
 - B/W (IR Cut ON):
 - 0.01lux (NTSC: 1/4 sec, PAL: 1/3sec)
- S/N ratio: More than 50dB
- Electronic shutter speed: 1/1 to 1/10,000s, 22 steps

Image system

- Video compression: MJPEG/ MPEG4
- Resolutions: 4CIF / 2CIF / CIF.
- Frame rate:
 - MJPEG: up to 30(25)fps in all resolutions.
 - MPEG4: up to 30(25) / 24 /15, 5 fps, adjustable.
- Image setting:
 - AGC Gain
 - Brightness,

- AWB
- BLC
- Sharpness
- Saturation
- Mirror
- Flip.
- Motion detection: 96 zones, 5 sensitivities.

PTZ Function

- Panning mode:
 - Manual
 - Sequential position
 - Sort position
 - Automatic pan
- Pan range: 0° to 360°
- Tilt range: 0° to 180°
- Pan and Tilt speed: 0.4°/s-320°/s
- Preset positions: 128 Preset

Internet System

- PPPoE

Security

- multiple authorities' levels
- IP address filtering
- Users: 8 simultaneous users' access

Protocols

- HTTP, TCP/IP, DHCP, UPnP, ARP, DNS, DynDNS, SNMP, PPPoE, RTSP, SMTP, FTP
- FTP and SMTP functions are for PAL version only.

Firmware update

- SD card (SDHC, up to 32GB)
- HTTP
- FTP
- USB

SD card recording mode

- 24 hours
- Motion detection
- Schedule
- DI
- Disconnection
- API

Connectors

- Ethernet: RJ-45 x 1.
- Video output: BNC x 1
- I/O:
 - alarm input x 4
 - alarm output x 1

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- alarm reset x 1
- audio input x 1
- audio output x 1
- GND x 2
- Relay out (NC/ COM/ NO)
- SD card slot
- USB x 1
- Power Jack x 1(AC 24x2 / RS-485x2).

Application

- Video management: Built-in Web server.
- System integration:
 - HTTP-API
 - ActiveX control
 - Customized Web page tool.

Alarm and event management

- Alarm trigger source:
 - built-in motion detection
 - external alarm input
 - network disconnected
- Alarm notification methods
 - ANNP
 - e-mail
 - FTP
 - SD card
 - Alarm output
- Email and FTP functions are for PAL version only
- Pre-alarm: 100 pictures.

*Design and specifications are subject to change without notice.

Installation

- Wall
- Pendant

Construction

- Housing:
 - High strength die-casting aluminum alloy casing
 - Corrosion-resistant paint oxidation
 - Anti-weather-type, impact-resistant material, hardness PC dome
- Waterproof: IP66
- Outdoor: include cooling fan and heater

Others

- LED indicator: Network indicator / Power indicator.
- Power requirement: AC 24V (2.5A).
- Temperature: -10 ~ 50°C
- Humidity: 20% - 80%
- Dimensions: 231 x 280(H)mm.
- Accessories:
 - CD x 1.
 - Quick installation manual x 1.
 - Power adapter x 1.
 - USB connection line x 1