

BlueEyes BE-4240

4 ports Video Server



Feature

- The Quad-based and Mux-based functions.
- Digitizes video signal and transmits via TCP /IP network.
- Built-in motion detection (96 independent blocks with 5 levels of sensitivities per channel).
- Supports a wide range of PTZ cameras.
- Supports 13 languages user interface, including Traditional Chinese and English.
- Supports network traffic upload and download bandwidth monitor.
- Supports 4DI / 2DO .
- Our comprehensive Plug & Play features:;
 - The PnP IP address- supports UPnP protocol.
 - The PnP configuration- USB interface for setup.
 - The PnP recording- built-in SD card for alarm & schedule recording
- USB Interface for setup.

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Specification

Processor and Memory

- CPU: 100LX,32 bit
- Independent video compression chip
- Memory: 64 Mbyte RAM, 8Mbyte Flash

Video Input

- 4 Analog composite video input
- NTSC /PAL
- Connected by BNC, F-type or AV connector

Video compression

- MJPEG / JPEG

Resolution

- 4CIF, 2CIFExp, 2CIF, CIF, QCIF
- QUAD mode:
 - 352x240 (CIF)
 - 176x120 (QCIF)
- MUX model: 704x224 (2CIFExp)
- API:
 - highest: 768x576 (PAL) / 704x480 (NTSC)
 - minimum: 176x144 (PAL) / 160x120 (NTSC)

Video frame rate

- QUAD mode: 352x240@30FPS / 176x120@30FPS
- MUX mode: 704x224@15 FPS / 704x480@7FPS

Image setting

- Brightness
- Contrast
- Saturation
- Hues
- Watermark: Time/Date/Title
- Camera/ Encoder/ Channel name
- Quality: 5 level
- Timestamp:
 - Timestamp Color
 - Timestamp location
 - Timestamp Format
 - Info. Location
 - Info. Format

Audio

- 1 channel, 8 kHz sampling, u-law
- Audio in: 4.7k ohms, 2.6Vp-p, RCA
- Audio out: 1k ohms, 2.6Vp-p, 100~2k Hz, RCA
- ON/ OFF

Development tools

- Active X
- HTTP-API
- SDK

SD card recording mode

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

Security

- 3-Level password protection
- IP address filtering
- Users:
 - Access by 10 simultaneous users
 - Add/ Delet/ Edit users
 - Manager, Operator, Viewer

Alarm and event management

- Trigger: Advanced MD (96 zone,5 level sensitivity setting)
- SD card recording
- Action:
 - Alarm output
 - FTP
 - E-mail
- Trigger:
 - built-in motion detection
 - external alarm input
 - Schedule
 - Event
- Alarm duration

Date and Time

- Setting:
 - Time zone
 - Format
 - Daylight saving
- NTP
- Set manually
- Synchronize with computer and NTP

Network interface

- Set of network connection type
- VPN setting:
 - DHCP
 - UPnP
 - UPnP Port
- Setting subnet mask, Gateway, DNS server, HTTP port
- Setting FTP server, COM port, ID, Password, Upload Path
- Mail server:
 - User ID
 - password

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- Sender name
- Mail server
- Recipient address
- PPPoE setting:
 - user name
 - password
- DDNS setting
 - Server Address
 - Host name
 - User name
 - password
- UPnP and accessing the memory card
- Setting:
 - Maximum overdue
 - SSDP port
 - UPnP port
- Network Type:
 - 10baseT full-duplex
 - 10baseT half-duplex
 - 100baseT full-duplex
 - 100baseT half-duplex
- Bandwidth customized

System Status

- Information:
 - Current Version
 - Core Version
 - BIOS Version
 - Software Version
 - Compile time
 - Web Version
 - ActiveX Version
- Log

PTZ

- RS485: Pan/Tilt/Zoom
- Setting:
 - Power rate
 - Transfer format

- Camera/ Encoder number
- RS485 information:
 - Hex mode
 - Terminal mode

Connector

- Ethernet (RJ-45Wired, 10/100 Base-TX), MDIX Support
- RS-485 x1 / RS-232 x1
- USB x1
- I/O : 4 alarm input / 2 alarm output
- SD card slot x1 (32MB ~ 2GB, recording in JPEG Snapshot / AVI File)

Input voltage

- 12V DC (6W)

Operating environment

- Operation temperature : 0 – 50°C (32°F ~ 122°F)
- 20~80%, RHG, non-condensing

Installation and maintenance

- Upgradeable through:
 - SD-Card
 - USB
 - FTP
- Reboot via remote network browser

Remote Client Software

- Web browser or IP-Surveillance

Protocols

- TCP/IP, DHCP, HTTP, FTP, SMTP, SNMP, DDNS, UPnP, PPPoE, NTP

Regulation

- FCC Class A, B
- CE
- UL, CSA

Dimension and weight

- 215(W)x200(H)x44.1(D)mm
- Weight: 1068g

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