

BlueEyes BE-3213A PTZ IP Dome

Mechanical 3-mode Full-function 10X PTZ IP camera

www.BlueEyes.com.tw



Feature

- SONY (Japan) 1/4" CCD image sensor
- Built-in Texas Instruments with image processing DSP chip
- Three Codec: H.264, MPEG-4, MJPEG
- Supports the SD card as a local storage
- Horizontal resolution: 500 TVL
- Minimum illumination as low as 0.01 lux
- Optical zoom ratio 10X
- Instant remote alarm and screen notification
- Advanced VMD (Video Motion Detection) setting
- Embedded web server and network link
- Supports 20 languages user interface, including English and Traditional Chinese
- Multi-profile: 4 profiles
- I/O: Alarm input x2 / Alarm output x1
- Three storage options: locally to SD, video software or web client (MPEG-4)
- Analog (BNC) and digital (RJ-45) video output all-in-one
- DDNS supports dynamic and static IP

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Specification

Analogy Video

- Image sensor: 1/4" Sony CCD
- Horizontal resolution: 500 TVL
- Minimum illumination: 0.01 Lux/F1.2
- S/N: 48dB (MIN)-52dB (TYP)
(AGC OFF, r=1, APC OFF, Y-OUT)
- Lens: 10X, F= 4.2 ~ 42 mm (F1.8-2.9)
- Auto IRIS
- Communication rate: 1200/2400/4800/9600 bps

PTZ function

- Pan rotation range: 360°
- Tilt rotation range: 0°~90° with auto-flip
- Pan/ Tilt speed:
 - BE-3213A-I: 0.1°~240° /S
 - BE-3213A-L: 0.1°~120° /S
- Zoom: 10X optical zoom, 10X digital zoom
- Preset stay: 2 ~ 60S
- Pan/ Tilt rotation accuracy: 0.1+/- 0.03°
- Preset:
 - 99 presets (BE-3213A-I)
 - 64 presets (BE-3213A-L)
 - auto cruise setting
- Rate-limited: ON/OFF

Electronic shutter(BE-3213A-L)

- NTSC : 1/60 ~ 1/120,000 Sec.
- PAL : 1/50 ~ 1/120,000 Sec.

Connector

- I/O:
 - alarm input x 2
 - alarm output x 1
 - alarm reset x1
 - audio input x1
 - audio output x1
- RS-485 x1
- GND x1
- LED: ON/OFF
- Power jack (DC12V 3.0A)
- SD card slot x1
- USB x1
- Ethernet: RJ-45
- Video output: BNC

Camera OSD

- IRIS control
- BLC
- AGC/ Sense UP/ Video Freeze
- WB/ red, blue two-color gain
- Screen compensation

- Lens control
- Screen reverse/ mirror image
- Present point set
- Character set/ place
- Reset setting/ external synchronization lock
- Mark
- Gamma
- Power display
- VMD
- Mask
- OSD menu
- Zoom + AF

Rotation OSD

- Static self-recovery
- Auto Flip
- Rate-limited
- Speed of horizontal scanning and two points scanning
- Scan limit
- Max operating speed of Speed Ball
- Preset cruise speed
- Preset cruise dwell time
- Speed Ball operation mode after power:
 - none
 - horizontal or scan between two points
 - auto cruise

Digital Image

- Compression: MJPEG, MPEG-4, H.264
- Resolution:
 - 720x480(D1)
 - 352x240(CIF)
 - 176x112(QCIF)
- Frame rate:
 - MJPEG/ MPEG-4/ H.264: up to 30(25) fps at all resolution
- Video streaming:
 - Simultaneous MPEG4, MJPEG, H.264
 - Multi-profile: 4 profiles
 - Controllable frame rate and bandwidth
- Intra Frame Period: 1/3 s, 1/2 s, 1 s, 2 s
- Resolution quality: 5 levels
- MPEG-4, H.264 image size: 4~64 KB
- ePTZ

Image setting

- Brightness
- Contrast
- Saturation
- WB: ATW/ AWB/ FIX (3200-9600°K)

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- BLC Auto: super white balance, 48 block BLC
- AGC (BE-3213A-L): Auto (18dB)
- Gamma (BE-3213A-L): 0.45/1
- Privacy mask: 3 privacy zone
- IP camera name
- OSD:
 - Device name
 - Timestamp Color
 - Timestamp location
 - Timestamp Format

Date and Time

- Automatic time configuration
- Set manually
- Set time zone, format, daylight saving

Audio

- External microphone, 8Hz simple rate
- Voice outlet: 3.5mm
- Volume Gain setting: Audio in, Audio out
- Compression: G.726 / G.711

SD card recording mode

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

Network

- Ethernet (RJ-45Wired, 10/100 Base-TX), MDIX Support
- HTTP, HTTPS, RTSP: connect port setting
- LAN setting:
 - DHCP & UPnP
 - DHCP: IP address, Subnet mask, Gateway, Primary DNS
 - UPnP port forwarding and test
- Upload and download bandwidth setting
- PPPoE setting:
 - user name
 - password
- DDNS setting
 - Server Address
 - Host name
 - User name
 - Password
 - Timeout
 - Status
- Protocols: HTTP, TCP, DHCP, UPnP, ARP, DNS, DynDNS, SNMP, PPPoE, RTSP, SMTP, FTP

Security

- HTTPS encryption
- Create certificate: Auto/ Manual

- Allow/ Refuse access list
- Multi-Level password protection
- IP address filtering
- Users:
 - Access by 8 simultaneous users
 - Add/ Delete/ Edit users
 - Manager, Operator, Viewer

Alarm and event management

- Trigger :
 - Build-in motion detection
 - External input
 - network disconnection
 - Timing Trigger
 - Reboot
- Notification :
 - ANNP
 - e-mail
 - FTP
 - SD card
 - Alarm output
- Pre-Alarm save: 100 pics
- Trigger: Advanced MD (96 zone, 0~100% sensitivity setting)
- Pre-alarm recording: 0~4 sec
- Event setting:
 - Server
 - Media
 - Event
 - Recording

Status

- Model Name
- Camera Name
- Time & Date
- Firmware Version
- HTML Version
- Activex Version
- MAC Address
- IP Address
- IP Subnet Mask
- Default Gateway
- Primary DNS
- PPPoE
- DDNS
- TV Output Mode
- System Log

Interface

- Snapshot
- Set storage path
- Full Screen
- Record Switch

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- Audio Switch
- Talk Switch
- Digital out
- Zoom
- SD-card recording
- Motion Detection
- Recording Status
- DI/DO

Application

- Image management software: build-in web sever
- Network auto time server
- System integration
 - SDK
 - HTTP-API
 - ActiveX control component
 - Custom web tools

Installation and Maintain



- Upgrade firmware: HTTP/ SD-Card/ FTP
- Save and load configuration

- Reboot device via IE browser
- Reset: Reset for factory default.

Structure

- Outer covering:
 - Housing: ABS (BE-3213A-L) / Aluminum (BE-3213A-I)
 - Dome: PMMA
- Size: Ø 151 x 166 mm, 800g
- Protection level: IP66
- Temperature :
 - BE-3213A-I : -20°C~+60°C
 - BE-3213A-L : -10°C~+45°C
- LED indicator
 - Network status
 - Power status
- Power
 - DC12V (+/-10%) 2.5A (BE-3213A-I)
 - DC12V (+/-20%) 3A (BE-3213A-L)
- Authentication: CE / RoHS

Ordering Information

Oder NO.	Product Type	Installation	Photo
BE-3213A-L	BE-3203A-L full-features 10X H.264 speed camera (Indoor/ Outdoor)	Wall	
BE-3213A-I	BE-3203A-I full-features 10X H.264 speed camera (Indoor)	Ceiling	

*All specifications are subject to change without notice.

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