



BDeye combined CCTV video door access system



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The BDeye is a combined CCTV and video door entry solution in one small high design package ideally suited for the executive home or modern office. At the centre of the system is an 8" TFT monitor with a built in full feature DVR. The monitor feeds power to, and accepts video signals from, up to four internal or external CCTV cameras.

The system is further expanded by adding up to two optional video door entry call points, also powered by the monitor. BDeye will continually record imagery from the cameras and activations of the video door entry call points directly to its integral 500 GB dedicated hard drive. BDeye can be connected to a LAN allowing live images to be viewed remotely via the internet whilst maintaining recording at the local site. All the intuitive control menus are easily accessible via stylish touch panel controls.

A perfect four channel CCTV observation system with the added benefit of integral access control.

- 8" clear TFT monitor
- Built in slimline DVR
- 500GB hard drive
- LAN connection for remote viewing
- Touch panel controls
- High gloss white or black finish
- Desk or wall mounted
- Plug and play DIN cables
- 4 channel quad display
- Up to two optional video entry call points
- Day/night camera with IR illumination
- Simple set up and operation





BDeye System comprises

- 1 x BDeye monitor
- 1 x BDeye camera
- 1 x BDeye remote control
- 1 x 15m Cable
- 1 x Power supply unit

Optional Accessories

- BDeye Camera
- BDeye VDE call point
- BDeye Camera extension cable
- BDeye VDE extension cable

DESIGN FEATURES



8" clear TFT monitor



500GB hard drive



LAN connection for remote viewing



Touch panel controls



High gloss white or black finish



Desk or wall mounted



Day/night camera with IR illumination



Up to two video entry call points



Plug and play DIN cables



Simple set up and operation

TECHNICAL SPECIFICATIONS

SYSTEM

| | |
|---------------------|--|
| Control system | LINUX |
| System resources | Triplex , supports simultaneous recording, video playback and network operations |
| Operation interface | User-friendly menu interface |
| User interface | Panel touch button and remote control |
| Video protocol | MPEG4 |
| Audio protocol | ADPCM2 |

VIDEO

| | |
|--------------------|---|
| Video input | 4 x camera plus 2 x video door entry |
| Video output | One way |
| Preview resolution | 720x576@25fps (each channel) |
| Video recording | 720x288@50fps (total resources) |
| Image division | Single or quad screen display |
| Recording | Scheduled or motion detection recording |
| On screen display | Channel and time information |

AUDIO

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|--------------|-------------------|
| Audio input | Two-way |
| Audio output | One way |
| VDE audio | Full duplex audio |

HARD DISK

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|-----------|--|
| Hard disk | 500Gb built-in one SATA interface, 2.5 inch hard MAX 500Gb |
|-----------|--|

VIDEO RECORDING AND PLAYBACK

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|------------------------|--|
| Video recording mode | Video recording by manual, schedule, motion detection, sensor and visitor call |
| Multi-channel playback | Four channel quad or single channel |

VIDEO DOOR PHONE FUNCTIONS

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|-----------------|-------------------------------------|
| Calling | Two channel |
| Video recording | Visitor calling and video recording |
| Unlocking | Electric lock release function |

INTERFACE

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|----------------------|--------------------------------------|
| Networking interface | One RJ45 10M/100M network interface |
| Camera interface | Four 6-core mini din video (Max 80M) |
| VDE interface | Two 4-core mini din video (Max 80M) |
| Alarm interface | One 5-core |
| AV output interface | One AV 3.5 |



POWER SUPPLY

| | |
|------------------|--|
| Video call point | Four way camera powered by integral central power supply |
| Outdoor station | Two way outdoor station powered by integral central power supply |

SPECIFICATIONS

| | |
|----------------------|----------------------------------|
| Power supply | DC +12V 4.5A |
| Screen | 8" TFT-LCD |
| Resolution | 800x600 |
| Temperature Range | -10°C - +70°C |
| Dimensions | 250 x 210 x 35mm |
| Installation methods | Desktop or wall mounting options |

CAMERA

| | |
|--------------------------|------------------------------|
| Sensor | 1/3" LG CCD |
| Effective Pixel | 500 (H) x582 (V) |
| Resolution Ratio | 720x576 |
| Frame | PAL: 1-25 fps |
| Electronic shutter speed | 1/60 - 1/100,000 S (NTSC) |
| Horizontal resolution | 420TVL |
| Lens | 3.6MM |
| IR viewing distance | 10m |
| Power supply | DC 12V |
| Operation Current | 220mA |
| Operation Temperature | Indoor/outdoor, -10°C - 60°C |
| Weatherproofing | IP55 rated |



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