

Product technical information

The eyesite 400 ISDN video transmission system is an easy-to-use, remote video and audio monitoring and visual alarm verification unit.



eyesite400

With up to 15 frames per second performance and superior picture quality, tracking movements and identifying people and points of interest are equally achievable.

Quality

- Built to operate with ISDN the eyesite 400 offers high-speed digital video transmission with excellent quality of service at 64 or 128kbit/s and point to point connection means you can call from anywhere in the world and obtain the same high picture quality.

Easy to install and use

- Using the eyesite 400 is as easy as operating a TV set as all functions are controlled via the remote control handset.
- To install, simply connect the unit to your TV set, plug in the camera(s), microphone(s) & power supply & connect the ISDN phone line.
- You can also connect a monitor and loud speaker to the eyesite 400, offering two-way video and audio communication.
- You can dial in to your eyesite 400 from an MM225 videophone or from another eyesite 400 connected to a TV.
- You can make use of the internal microphone for audio verification at an ordinary analogue or mobile phone.
- Arming and disarming the unit can be achieved manually or via a permanent connection to your existing alarm system*.
- The panic alarm trigger works whether the unit is armed or disarmed so your staff can call for assistance**.

Flexibility

- Your eyesite 400 can be set to auto-answer so that you can call in at any time to see and hear how your business is operating.
- A choice of auto-answer modes including PIN entry and CLI vetting means you can control who can dial in to see and hear from your premises.
- Alarm triggered calls can be verified at a video call centre, on another eyesite 400, your videophone or audibly on an ordinary analogue or mobile phone**.
- You can use the trigger output to add remote control of e.g. lamps or barriers via your ISDN phone line.
- You can use the Motion Media proprietary data channel to transmit PTZ camera control and other telemetry protocols.
- By using the H.320 video communications standard but with security code protection, the eyesite 400 combines the benefits of standards compatibility when you want it, with access security that ensures only those authorised can access the system.

So the eyesite 400 is a great way to add visual verification to security, surveillance and remote monitoring systems.

*Providing there is a suitable output from your alarm system

**The unit will not function without an external power supply.





Video

- Supports H.261 and H.263
- CIF resolution (352 x 288 pixels) at up to 15fps
- QCIF resolution (176 x 144 pixels) at up to 30fps
- 4 BNC composite video inputs
- 1 BNC composite video output (for set-up information)
- Local view picture-in-picture (for local camera set-up)

Audio

- Supported Audio standards: G.711 (A-law & μ -law), G.722 & G.728
- Integral microphone
- 2 RCA phono line level audio inputs
- 1 mic level audio input
- 1 RCA phono line level audio output
- Supports DTMF tones

Data

- RS232 serial data port for connection to a PC (1200 - 38400 baud)
- Far end camera control (H.281)

Configuration & Operation

- Infra-red handset control
- On-screen user interface

Camera Control

- Built in SONY VISCA protocol for driving up to 4 PTZ cameras

Security Features

- Secure PIN access to video and speech calls

Automation & Programmable Features

- Auto Dial on Alarm Trigger
- Choice of Auto answer modes including PIN access & CLI vetting
- 10 entry automatic dialling list
- 4 configurable zones for video and audio
- Optional automatic zone switching upon trigger input
- Optional automatic still picture storage upon trigger input
- Optional remote control via DTMF tones

Triggers

- 4 trigger inputs (0 – 240s delay)
- Panic Button trigger option*
- Configurable trigger signals (opening, closing, voltage triggered)
- 12v alarm trigger output (configurable active high or low)
- Armed / Disarmed by infra-red or trigger input

Remotely Controllable Features (via DTMF tones)

- Switching between zones 1 to 4
- Control of the remote trigger output
- Optional automatic camera cycling
- Remotely controlled image freeze & enhance
- Store &/ View up to 3 still frames

Network

- ISDN Basic Rate (2B + D), S/T interface
- 1B and 2B calls
- Supported ISDN national variants

Power

(Transmission Unit)

- Auto-sensing power supply (100-240v a.c., 50-60Hz)
- Maximum power consumption 25.7w (Remote Control)
- 2AA Batteries

Physical

(Transmission Unit)

- Dimensions: 290.9mm, 11.8*(W) x 271mm, 10.7*(D) x 63.7mm, 2.5*(H)
- Weight: 1.66kg, 3.65lb (Remote Control)
- Dimensions: 210mm, 8.25*(L) x 60mm, 2.38*(W) x 30mm, 1.19*(H)
- Weight: 160g, 6oz

Environmental

- Operating temperature: 0° to 40°C ambient
- Operating humidity: 20% to 90% relative humidity, non-condensing
- Storage temperature: -10°C to 60°C ambient
- Storage humidity: 20% to 90% relative humidity, non-condensing

Standards and Approvals

- ITU-T H.320
- CE Europe. For other countries contact your supplier.

Companion Products

- Motion Media MM225 Videophone
- Compatible with H.320 systems

Specifications subject to change without notice.

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