

VideoBridge™ 6000

Video Transmitters/Receivers

A modular hardware-based Video over IP product that digitally compresses and transmits video, audio, alarm events and control data over standard IP data networks between analog cameras, analog monitors and software viewing applications

VideoBridge transmitters and receivers allow numerous analog cameras or analog monitors to be connected and accessed by other products in the VideoBridge range.

VideoBridge software products include Control Center 6000, the Windows Networked Video Recorder software (NVR) and Link Manager 6000. This modular software can be added at any stage during the system's lifetime.



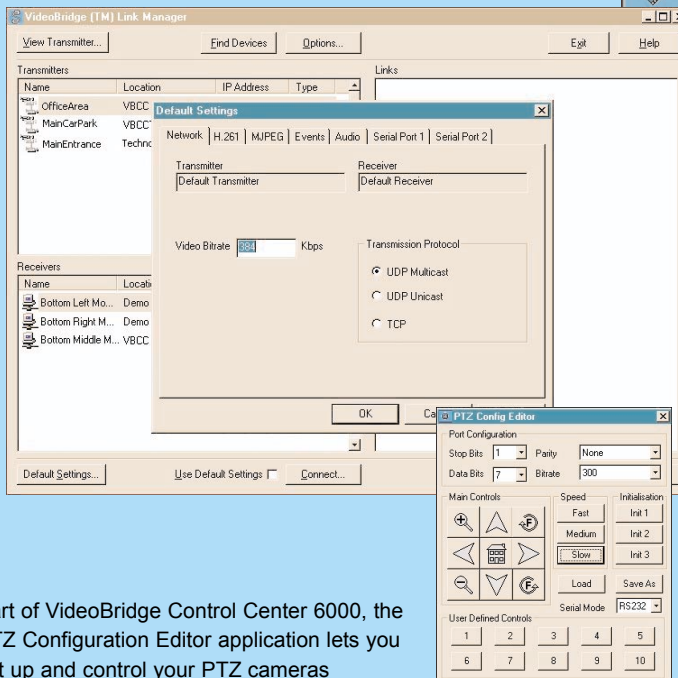
VideoBridge 4 Input Transmitter: supports four cameras or one monitor



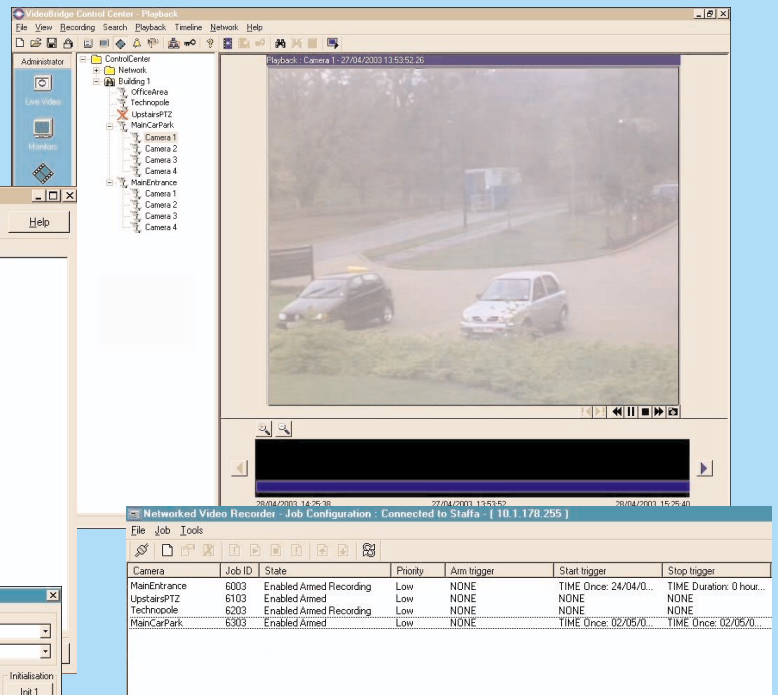
VideoBridge 1 Input Transmitter: supports one camera or one monitor

The VideoBridge Control Center 6000 Playback window lets you play back recordings and search for motion in them

VideoBridge Link Manager 6000 software sets up permanent links between transmitters and receivers



Part of VideoBridge Control Center 6000, the PTZ Configuration Editor application lets you set up and control your PTZ cameras



The VideoBridge Control Center 6000 Enterprise Recording Job Configuration application lets you specify the frequency and nature of recording jobs

VideoBridge 6000

Video Transmitters/Receivers

Product Benefits

- Ensures smooth migration from analog to digital technology: converts existing analog-based CCTV to digital remote monitoring systems simply and cost-effectively without equipment obsolescence.
- Lower cabling cost: the same CAT5 UTP cable is used for real-time video, two-way audio, management of PTZ functions and binary I/O alarm triggers.
- Removes geographical barriers: enables co-ordinated remote monitoring and communication across multiple locations using standard network interfaces including LANs, WANs, wireless networks and internet communication links.
- Unlimited viewing: multicasting allows limitless numbers of users to access video and audio streams using the same bandwidth as a single user.
- Ensures the correct video quality for each application: configurable bandwidths from 8Kbps to 2Mbps provide the choice of constant video quality or capped bandwidth utilization.

Product Specifications

Video Compression

- Full frame rate, full color: ITU-standard H.261: Up to 30fps at CIF resolution. M-JPEG compression up to 12.5 fps.

Audio Compression

- G.711 and G.728 options
- G.712 frequency response

Video Bit Rate

- User-configurable bit rates from 8Kbps up to 2Mbps.

Resolution

- CIF: 352 x 288 pixels (M-JPEG & H.261)
- SIF: 352 x 240 pixels (M-JPEG & H.261)
- QCIF: 176 x 44 pixels (M-JPEG & H.261)
- VGA: 640 x 480 pixels (M-JPEG)
- 4CIF: 704 x 576 pixels (M-JPEG)

Video Input

- NTSC/PAL video, 75 Ohms 1V p-p, standard BNC connector

Video Output

- NTSC/PAL composite video, 75 Ohms 1V p-p, standard BNC connector. Software decode for display to PCs.

Audio Input

- Line in 3.5mm jack. Nominal voltage: 1V p-p. Signal to noise ratio: 78 dB
- Mic 30mVp-p. Mic type: dynamic. Signal to noise ratio: 56dB

Audio Output

- Line out 3.5mm jack. 1V p-p, Minimum load impedance: 8 Ohms, Signal to noise ratio: 77dB

Data Input/Output

- Serial 1: Selectable EIA-574 RS232 or EIA-422 RS422 115.2Kbps
- Serial 2: EIA-574 RS232 115.2Kbps

Binary Input/Output

- Four* opto-isolated inputs Current: 10mA (min), 20mA (max)
 - Two* solid state relay outputs. Maximum load: 50Vdc @100mA
- * The VideoBridge 1 input transmitter has two binary inputs and one binary output.

Network Interface

- IEEE802.3 and IETF standards: 10/100 Base-T Ethernet, TCP, UDP, ICMP, IGMP.

Dimensions

- 4 input transmitter (mm): 167(l) x 110(w) x 45(d), 0.6Kg (excluding power supply)
- 1 input transmitter (mm): 167(l) x 80(w) x 45(d), 0.5Kg (excluding power supply)

Electrical

- Operating voltage: 5V DC
- Power consumption: 5W (typical) 6W (max)

Environmental

- Operating temp: 0 to +50°C/+32 to +122°F
- Storage temp: -20 to +70°C/-4 to +158°F

Regulatory

- EN 55022(1994) ITE - Class B
- EN 61000-3-2(1995) - Class A
- EN 55024(1998) ITE immunity standard
- EN 61000 3-3(1995) voltage fluctuation
- CFR47(1995) Part 15 subpart B - Class B

Order Codes

4 Input Transmitter 6000	960060
1 Input Transmitter 6000	960069
Control Center 6000 Enterprise	060007
Control Center 6000 Professional	060006
Link Manager 6000	060005
Serial Cable	011005
5V Transmitter Power Supply	011001
Screwed Power Connector	011006
Binary I/O Connector Block for 4 Input transmitter	011007
Binary I/O Connector Block for 1 Input transmitter	011008



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