

VideoJet 8008 8-Channel MPEG-4 Encoder



Security Systems



- 8-Channel encoder
- 25 IPS on every channel @ 4CIF/Full D1
- MPEG-4 @ 4CIF / Full D1
- Dual streaming per channel
- Internal storage (120/240/600/800 GB)
- Gigabit Ethernet
- 10 Alarm inputs
- Low profile rack-mountable
- Multicasting
- Serial data port

The VideoJet 8008 delivers the highest quality real-time video available today. Its advanced hardware engine produces 30 images per second of pure MPEG-4 video in DVD-like quality. This power is further multiplied by incorporating multiple encoders within the single unit, delivering eight full-motion video channels. Each channel generates non-multiplexed video at 30 IPS.

The video can be viewed on a standard PC using the VIDOS video management software or a web browser. Alternatively, when used in conjunction with a high-performance MPEG-4 hardware decoder (such as the VIP XD), you can create point-to-point hybrid analog/digital solutions. This technology uses the highest quality analog cameras and analog CCTV monitors, but with a pure IP solution in-between.

The VideoJet 8008 8-channel MPEG-4 encoder features three key recording modes. The simplest mode is continuous. The alarm-sensitive mode also runs continuously, but increases the frame rate on alarm. A pre-alarm option preserves a short segment of video just prior to the alarm, at a flexible frame rate.

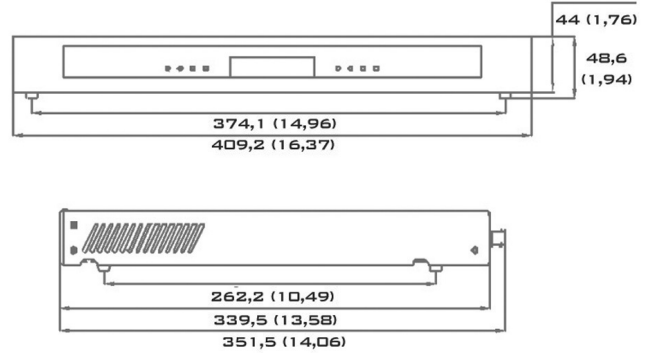
The VideoJet 8008's 120, 240, 600 or 800 GB internal hard disk records weeks at a time locally, or for more extended recording periods it can use the VIDOS-NVR network video recorder. Such an NVR server has one or two RAID5 disk arrays attached for maximum fault tolerance and a storage capacity of over 12 TB.

The VideoJet 8008 with its Dual Streaming technology can encode the video input signal in two different ways in parallel. For example in 4CIF resolution with 1 IPS for recording, and in CIF with 25 IPS for live viewing at a workstation with software decoder or a hardware monitor. Depending on the application, other combinations are also possible.

The VideoJet 8008 is powerful enough to simultaneously allow MPEG-4 live viewing, recording and playback or backup. With eight channels in a rack-mountable 1HU form factor it offers the highest port density at this quality of video. Combined with a complete set of security and distributed system management features it is the market's most powerful, highest quality MPEG-4 encoder and recorder.

Parts Included

| Quantity | Component |
|----------|---|
| 1 | VideoJet 8008 with internal wide range power supply including IEC and US power cables |
| 1 | RS-232 Null modem cable |
| 1 | Accessory Kit (19 in. rack-mounting) |
| 1 | Quick Installation Guide |
| 1 | CD-ROM containing software tools and manual |

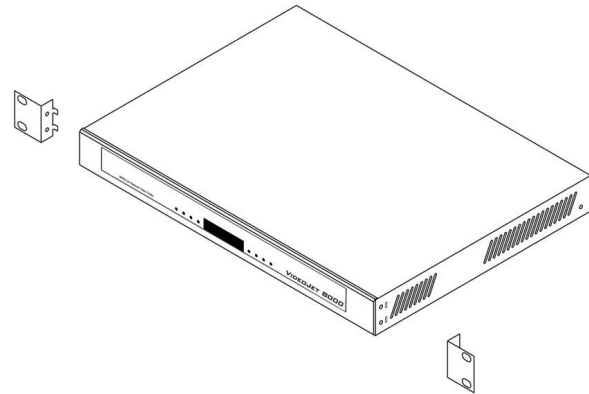


Installation/Configuration Notes

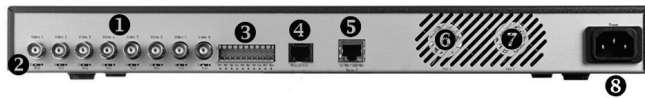


Dimensions in mm (inches)

| | | | |
|---|-------------------|---|-----------|
| 1 | LED Power | 6 | Menu/Exit |
| 2 | Infrared receiver | 7 | Set |
| 3 | LED HDD | 8 | Up |
| 4 | LED Fail | 9 | Down |
| 5 | Display | | |



Rack mount kit



| | | | |
|---|--------------------------|---|------------------------------------|
| 1 | 8x Video in | 5 | GigabitEthernet 10/100/1000 Base-T |
| 2 | 75 Ohm video termination | 6 | Fan 1 |
| 3 | 10x Alarm in | 7 | Fan 2 |
| 4 | COM port: RS232/485 | 8 | Power connector |

| Technical Specifications | |
|--------------------------|--|
| Electrical | |
| Video Standards | MPEG-4 |
| Video Data Rate | 9.6 kBit/s - 6 MBit/s per channel |
| Video Frame-Rate | 1 up to 25/30 IPS (PAL/NTSC); scalable video skip ratio |
| Video Resolution | 704 x 576/480 (D1/4CIF: 25/30 IPS) 704 x 288/240 (2CIF: 25/30 IPS) 352 x 576/480 (Half D1: 25/30 IPS) 352 x 288/240 (CIF: 25/30 IPS) 176 x 144/120 (QCIF: 25/30 IPS) |
| Storage Media | 120, 240, 600 or 800 GB HDD integrated |
| GOP Structure | I, IP |
| Overall Delay (IP) | 120 ms |
| Network Protocols | RTP, Telnet, UDP, TCP, IP, HTTP, IGMP V2, ICMP, ARP, SNMP |
| Software Update | Flash ROM, remote programmable |
| Configuration | Via web browser, built-in web server, telnet or serial interface |
| Interfaces | |
| Video In | 8x analog composite: NTSC/PAL; BNC connector 75 Ohm switchable, 0.7 - 1.2 Vp-p |
| Alarm In | 10x (non-isolated closure contact type), max. activation resistance 10 Ohm |
| Connectors | 20 position spring clamp contacts for alarm inputs |
| COM Ports | 1x RS-232/422/485, RJ-45 |
| Ethernet | 10/100/1000Base-T, auto-sensing, half-/full-duplex, RJ-45 |
| Environmental | |
| Input Voltage | 90 - 250 VAC, 50/60 Hz |
| Power Consumption | Max. 60 VA |
| Weight | Approx. 6.0 kg (13.2 lb) with 240 GB HD |
| Operating Temperature | 0°C - 45°C (32°F - 113°F) 0°C - 40°C (32°F - 104°F) for 800 GB version, ambient temperature |
| Humidity | 20 - 80%, atmospheric humidity (not cond.) |
| Complies with | CE: IEC 60950; UL 1950; AS/NZS 3548; EN 55103-1, -2; EN 50130-4; EN 55022; EN 55024; EN 61000-3-2; EN 61000-3-3; FCC 47 CFR Ch.1 Part 15 |

| Ordering Information | |
|--|----------------|
| VJ8008H120 | 8622 780 54671 |
| 8 channels MPEG-4 encoder and DVR with 120 GB HDD | |
| VJ8008H240 | 8622 780 54681 |
| 8 channels MPEG-4 encoder and DVR with 240 GB HDD | |
| VJ8008H600 | 8622 780 54691 |
| 8 channels MPEG-4 encoder and DVR with 600 GB HDD | |
| VJ8008H800 | 8622 780 55401 |
| 8 channels MPEG-4 encoder and DVR with 800 GB HDD | |

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