



The VideoJet 1000 DVR & Transceiver combines simultaneous MPEG-2 and MPEG-4 transmission with Dual Encoding allowing remote and LAN users to view best-quality video simultaneously. MPEG-2, the digital video compression standard originally developed for broadcasting, produces extremely sharp pictures with superb detail while the more compact MPEG-4 standard is the right choice in case of strictly limited bandwidth.

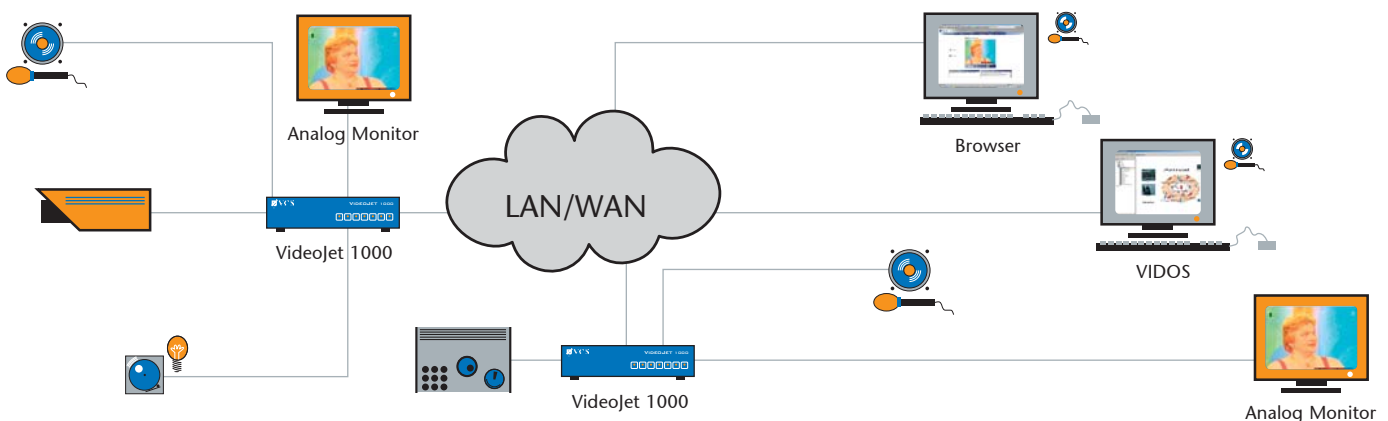
For specialized applications the VideoJet 1000 is also available in an MPEG-2 only version. Compatible with PAL or NTSC sources it can function both as transmitter and as receiver when linked to a monitor and its video signal can be simultaneously displayed on a PC using software decoder VIDOS or even a web browser.

Thanks to the integrated hard disk the VideoJet 1000 is a DVR with a storage capacity of up to 960 hours, allowing simultaneous playback and back-up while recording. Professional alarm features and more than 100 protocols for remote control of peripherals round out the device.

HIGHLIGHTS

- > Full D1 resolution @ lowest bandwidth
- > MPEG-2 only or MPEG-2/4 compatible
- > Bandwidth-efficient Dual Encoding
- > Fully interlaced video
- > Modular digital CCTV matrix
- > Simultaneous transmitter/receiver operation
- > FastEthernet interface
- > Triplex hard disk recording
- > Integrated video scene analysis
- > Comprehensive security features
- > Multicasting & Internet Streaming

EXAMPLE



TECHNICAL DATA

SPECIFICATIONS*

Video Standards	ISO/IEC 13818-2 (MPEG-2) MP@ML; ISO/IEC 14496 (MPEG-4); M-JPEG
Video Data Rate	MPEG-2: 1 Mbit/s - 8 Mbit/s MPEG-4: 9.6 kbit/s - 4 Mbit/s Constant & variable
Video Resolution	MPEG-2: 720 x 576 (full D1: 50 resp. 60 fields/s**) 352 x 288 (CIF: 25 resp. 30 fps**) MPEG-4: 704 x 576 (4CIF: 9 fps**) 704 x 288 (2CIF: 18 fps**) 352 x 288 (CIF: 25 resp. 30 fps**) 176 x 144 (QCIF: 25 resp. 30 fps**)
GOP Structure	I, IP, IPB, IPBB
Overall Delay (IP)	MPEG-2: 198 resp. 180 ms (PAL resp. NTSC) MPEG-4: 100 ms
Select. Frame Rate	1-50 resp. 60 fields/s (PAL resp. NTSC); Field/frame based coding
Audio Standards	MPEG-1: ISO/IEC 11172-3; MPEG-2: Layer I/II; 300 Hz - 10 kHz MPEG-4: G.711; 300 Hz - 3.4 kHz
Audio Data Rate	MPEG-2: 256 kbit/s MPEG-4: 80 kbit/s
Audio Sampl. Rate	MPEG-2: 48 kHz MPEG-4: 8 kHz
Multiplex Standards	MPEG-2: ISO/IEC 13818-1
Stream Types	Elementary (video only), program stream
Network Protocols	RTP, Telnet, UDP, TCP, IP, HTTP, IGMP, ICMP, ARP, SNMP (traps)
Software Update	Flash ROM, remote programmable
Configuration	Via Web browser, built-in Web server

INTERFACES

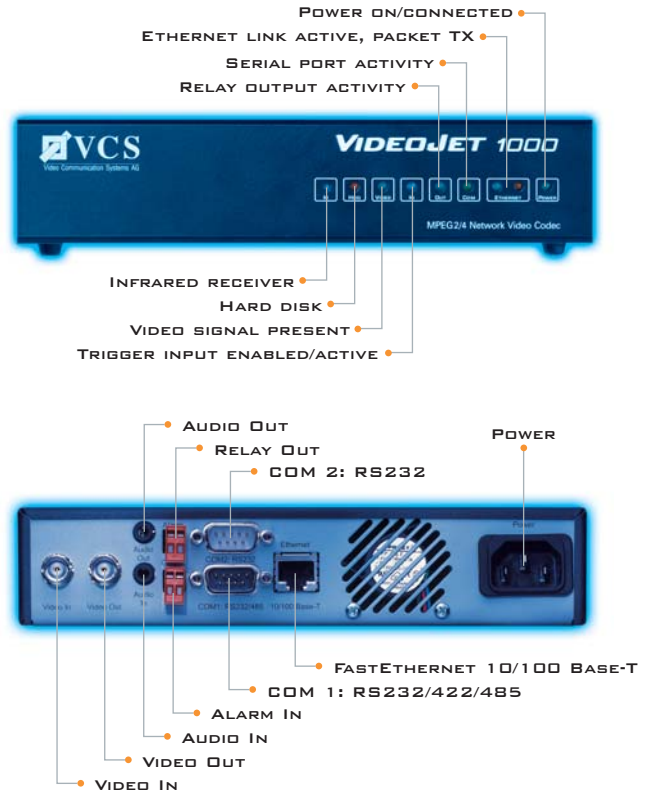
Video In	1x analog composite: NTSC or PAL; BNC connector 75 Ohm switchable, 0.7-1.2 Vpp
Video Out	1x analog composite: NTSC or PAL; BNC connector 75 Ohm, 1 Vpp
Audio In	1x stereo line in, stereo jack 3.5 mm, 3 Vpp, ca. 50 kOhm
Audio Out	1x stereo line out, stereo jack 3.5 mm, 2.5 Vpp, 60 mW, min. 8 Ohm
Alarm In	1x clamp (non-isolated closure contact type), max. activation resistance 10 Ohm
Relay Out	1x clamp, 30 Vpp, 1 A
COM Ports	1x RS232/422/485, 9-pin Sub-D; 1x RS232, 9-pin Sub-D
Ethernet	10/100 Base-T, autosensing, half/full duplex, RJ45
Storage Media	1x 40 GB HD integrated; optional: 1x 120 GB HD integrated

POWER, ENVIRONMENTAL, APPROVALS

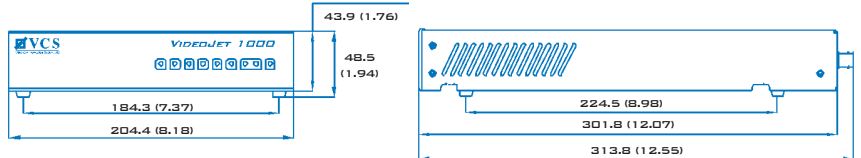
Input Voltage	90 - 250 VAC, 50/60 Hz
Power Consumption	Max. 33 VA
Weight	App. 2.7 kg
Operating Temp.	0 - 50 °C (32 - 122 °F) ambient temperature
Humidity	20 - 80%, atmospheric humidity (not cond.)
Approvals	CE: IEC 60950; UL 1950; J 60950; AS/NZS 3548; EN 55103-1, -2; EN 55130-4; EN 55022; EN 55024; EN 61000-3-2; EN 61000-3-3; FCC 47 CFR Ch.1 Part 15



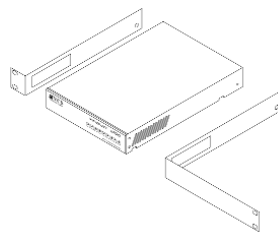
* MPEG-4 only with resp. version **depends on picture content



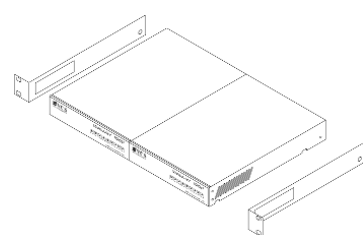
SIZES IN MM (INCHES)



A
ONE DEVICE RACKMOUNT



B
TWO DEVICES RACKMOUNT



ORDERING INFORMATION

ARTICLE-CODE DESCRIPTION

2928	VideoJet 1000 M2 – MPEG-2 only DVR & Transceiver with 40 GB HD
2929	VideoJet 1000 FM2 – MPEG-2 only DVR & Transceiver with 120 GB HD
2904	VideoJet 1000 – MPEG-2 and MPEG-4 DVR & Transceiver with 40 GB HD
2924	VideoJet 1000 F – MPEG-2 and MPEG-4 DVR & Transceiver with 120 GB HD
1412	VideoJet 1000 Rack Mount Kit (for up to 2 devices in 1 HU)
On request	Web Toolkit, SDK, RCP+ Reference

CONTENT OF DELIVERY

VideoJet 1000 incl. mains cable
RS232 Null modem cable
Quick Installation Guide (german, english)
CD-ROM with software and manual (german, english)

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