



The VideoJet 10 with MPEG-4 encoding provides high quality real time video pictures at up to 30 frames/s with audio on very low bandwidth.

For flexibility the VideoJet 10 single channel codec comes with various combinations of interfaces - LAN as standard, and ISDN and PSTN as options, as well as a CompactFlash port which will take a wireless LAN card or a range of different systems for local recording, including Microdrive solutions.

The video signal can be received and displayed with a standard browser, VCS decoding software, or in a box to box hardware solution.

The VideoJet 10 supports the remote control of all popular PTZ cameras, domes and multiplexers, includes a sophisticated motion detector, professional alarm management and control features, as well as an alarm input, a relay output and two serial data ports.

HIGHLIGHTS

- ❑ 1-channel stand-alone encoder or decoder
- ❑ Comprehensive security features
- ❑ MPEG-4 standard @ 704x288 with up to 30 frames/s
- ❑ Multicasting & Streaming
- ❑ M-JPEG @ 720x576/480 pixel
- ❑ 1 alarm input, 1 analog sensor input & 1 relay output
- ❑ FastEthernet, ISDN or PSTN interface
- ❑ 2 serial data ports for peripheral control
- ❑ CompactFlash port for wLAN or local recording (CF card or Microdrive)
- ❑ Power supply via LAN

TECHNICAL DATA

Specifications

Video Standard	MPEG-4 (ISO/IEC 14496), M-JPEG
Audio Standards	G.711; 300 Hz - 3.4 kHz
Video Data Rate	9.6 kBit/s - 4 MBit/s
Audio Data Rate	64 kBit/s
Video Encoder/Decoder	704 x 288 2CIF 352 x 288 CIF 176 x 144 QCIF Low latency mode < 150 ms
Audio Encoder/Decoder	Sampling rate: 8 kHz
Network Protocols	RTP, RTCP, UDP, TCP, IP, HTTP, IGMP, ICMP, ARP, DHCP, SNMP
Software Update Configuration	Flash ROM, remote programmable Via Web browser, built-in Web server Local RS232 port

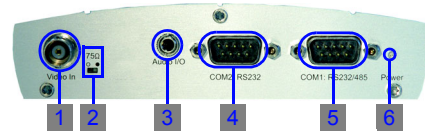
Interfaces

Video In (Encoder)	1 x analog composite: NTSC or PAL; BNC connector 75 Ω switchable, 0.7-1.2 Vpp
Video Out (Decoder)	1 x analog composite: NTSC or PAL; BNC connector 75 Ω, 1 Vpp
Audio In	1 x mono line, stereo jack 3.5 mm, 1 Vpp, 50 kΩ
Audio Out	1 x mono line, stereo jack 3.5 mm, 1 Vpp, 60 mW, min. 8 Ω
Trigger Input	1 x clamp (non-isolated closure contact type), max. 24 V, max. activation resistance 10 Ω
Relay Output	1 x clamp, 30 Vpp, 1 A
Analog Sensor Input	0 - 5 VDC general purpose analog input (e.g. temperature sensor)
COM-Ports	1 x RS232/422/485, 9-pin Sub-D 1 x RS232, 9-pin Sub-D
Ethernet	10/100 Base-T, autosensing, half/full duplex, RJ45
ISDN (option)	RJ45, S ₀ -Basic-rate
Modem (option)	RJ11, V.34
Wireless Ethernet	RF-interface 802.11b via CF card interface
Storage Media	CompactFlash card Type I and II, Microdrive

Power, Environmental, Approvals

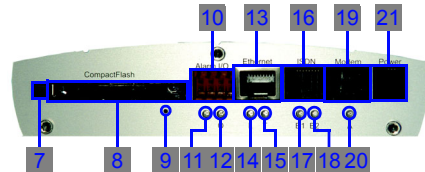
Input Voltage	12 - 24 VDC, power adapter included
Power Consum.	App. 10 VA
Weight	App. 0.4 kg
Operating Temp.	0 - 50 °C ambient temperature
Humidity	20 - 80%, atmospheric humidity (not cond.)
Approvals	CE: IEC 60950; UL 1950; J 60950; AS/NZS 3548; EN 55103-1,-2; EN 55130-4; EN 55022; EN 55024; EN 61000-3-2; EN 61000-3-3, FCC 47 CFR Ch.1 Part 15

Front



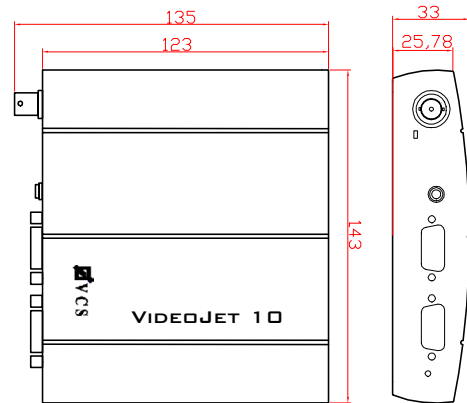
- 1 Video In (Enc.) / Out (Dec.)
- 2 75Ω Video Termination On/Off (Encoder only)
- 3 Audio In/Out
- 4 COM2: RS232
- 5 COM1: RS232/422/485
- 6 LED Power

Rear



- 7 Ejector for CompactFlash port
- 8 CompactFlash port
- 9 Factory default; Reset
- 10 Alarm In/Out; Analog input
- 11 LED Alarm In
- 12 LED Alarm Out
- 13 10/100 Base-T FastEthernet
- 14 LED Link
- 15 LED TX
- 16 ISDN (option)
- 17 LED ISDN B1 (option)
- 18 LED ISDN B2 (option)
- 19 Modem (option)
- 20 LED Modem Activity (option)
- 21 Power

Dimensions



Sizes in mm

ORDERING INFORMATION

Article-Code	Description
2915	VideoJet 10 ^S Ethernet Encoder
2935	VideoJet 10 ^E Ethernet Decoder
2905	VideoJet 10 SM Modem Encoder
2945	VideoJet 10 ^{EM} Modem Decoder
2925	VideoJet 10 ^{SI} ISDN Encoder
2955	VideoJet 10 ^{EI} ISDN Decoder
2918/0	VideoJet 10/40 Rack Mount Kit (for up to 3 devices in 1 HU)
2918/2	VideoJet 10/40 Wall Mount Kit
On request	Web Toolkit, VCS SDK, RCP+ Reference

Content of Delivery

- VideoJet 10 Encoder or Decoder incl. plug-in power supply (EU, UK, US or AUS)
- RS232 Null modem cable; ISDN or Modem cable (only with respective version)
- 'Quick Installation Guide' (german/english)
- CD-Rom with manual (german/english) and VCS software



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