



polistream P4000

Processing Platform

Operational role

Polistream processing platform running Program Manager and Polistream configurable software modules supplied as part of a Polistream system

Main processor

3 GHz Intel® Celeron

System memory devices

512Mb (PC133 DIMM) RAM
Internal 40Gb (min) SATA HDD

Operating system

Microsoft Windows 2000 Professional®

Rear panel connectors

2 x RJ45 Gigabit/100 BT	Ethernet
1 x 9 way D type (male)	RS232 serial (Com 1)
2 x PS/2 type mini DIN	Mouse and Keyboard
1 x 15 way Hi-density D type	SVGA monitor
2 x USB connectors	USB 0 – 1
1 x 25 way D type (female)	Printer

Second RS232 serial port

1 x 9 way D type (male) connector (Com 2)

Power fail signalling

1 x 9 way D type (female) connector

Pin	Function	Pin	Function
1	NC Contact 1	6	Common Contact 1
2	NO Contact 1	7	NC Contact 2
3	Common Contact 2	8	NO Contact 2
4	Not Used	9	+5V (50mA max)
5	Ground		

Power fail signalling by contact closure
(contact rating 2A@48V AC / DC)

Indicators

2 x Front panel status LEDs (power on – HDD activity)
2 x Rear panel Ethernet port status LEDs (activity – link)

Control

There are no user configurable switches, links or front panel controls (with the exception of a front panel mounted soft power switch)

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Physical

Unit dimensions: 482 x 485 x 44.5 mm (W x D x H)
1RU standard 19in rack-mounting
Shipped dimensions: 850 x 670 x 270 mm (W x D x H)
Approx unit weight: 7.80 Kg
Approx shipped weight: 11 Kg

Mains input connector

Panel mounted 3 pin IEC

Mains input voltage range

100 to 240 VAC

Mains input line frequency

50 – 60 Hz

Power consumption (measured) @ 240V

Peak: 500 mA
Typical: 350 mA
Typically: 84 W

Environmental cooling

- Chassis mounted fans with front to back air flow
- Internal high volume fan
- 1 x PSU fan

Environmental conditions

0°C to 30°C
(at a relative humidity not exceeding 90% non-condensing)

Electro-magnetic compliance & Safety

EN55022 Class A (emissions)
EN50082-1 (immunity)
ENBS60950 (safety)

Optional input PCI modules (maximum 2)

- Dual input VBI interface card
- VITC/LTC timecode interface card
- DVITC timecode interface card
- Serial port expansion card (Com 3 & 4)
- GPIO card

