



polistream R4000

Subtitle Re-timing Solution

Operational role

Supports DVB, DVB Teletext and Imtext subtitle re-timing over ASI. Ideal for re-timing and bridging subtitles on pass through channels where video encoders do not pass the subtitle data and create a signal delay.

Features

- Dual ASI input

Main processor

3 GHz Intel® Celeron

System memory devices

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

Operating system

Microsoft Windows 2000 Professional®

Media input

Front panel CDROM drive

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)

ASI signal connectors (on PCI rear panel)

2 x ASI inputs on 75Ω panel mounting BNC
2 x ASI outputs on 75Ω panel mounting BNC
(Single ASI feed dualed across two output connectors)

Control

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

Indicators

2 x Front panel status LEDs
7 x Rear panel signal status LEDs

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)

