



# polistream D4000c Closed Captioning Solution

## Operational role

Single channel Closed Captioning (CC) origination solution generating up to two EIA-608 encoded languages

Supports US (CC1 & CC3) and Korean (CC4) standards

## Features

Full SDI signal path with power fail bypass relay  
SDI VITC or Analogue LTC time code input

## Main processor

1.8 GHz Intel® Dual Core Celeron

## System memory devices

1Gb (PC667 DIMM) RAM  
Internal 80Gb (min) SATA HDD

## Operating system

Microsoft Windows 2000 Professional®

## Media input

Front panel CDROM drive

## Rear panel connectors

3 x RJ45 Gigabit/100 BT	Ethernet
2 x 9 way D type (male)	RS232 serial (Com 1 & 2)
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

## 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)

## Control

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

## CC Insertion signal connectors (on PCI rear panel)

2 x SDI Input & output 75Ω panel mounting BNCs  
1 x SDI Monitor output 75Ω panel mounting BNC

## Time code signal connectors (on PCI rear panel)

1 x SDI VITC input on 75Ω panel mounting BNC  
2 x LTC inputs on phono (RCA jack) sockets  
(line-level audio input)

## Indicators

2 x Front panel status LEDs  
1 x SDI input status LED (A)  
1 x CC Inserter card processor status LED (B)  
3 x Rear panel Ethernet port 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 and frequency range

100 to 240 VAC at 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)

