

polistream

U8000—Higher Density, Enhanced Configurability and Improved Power Resilience

Polistream U8000

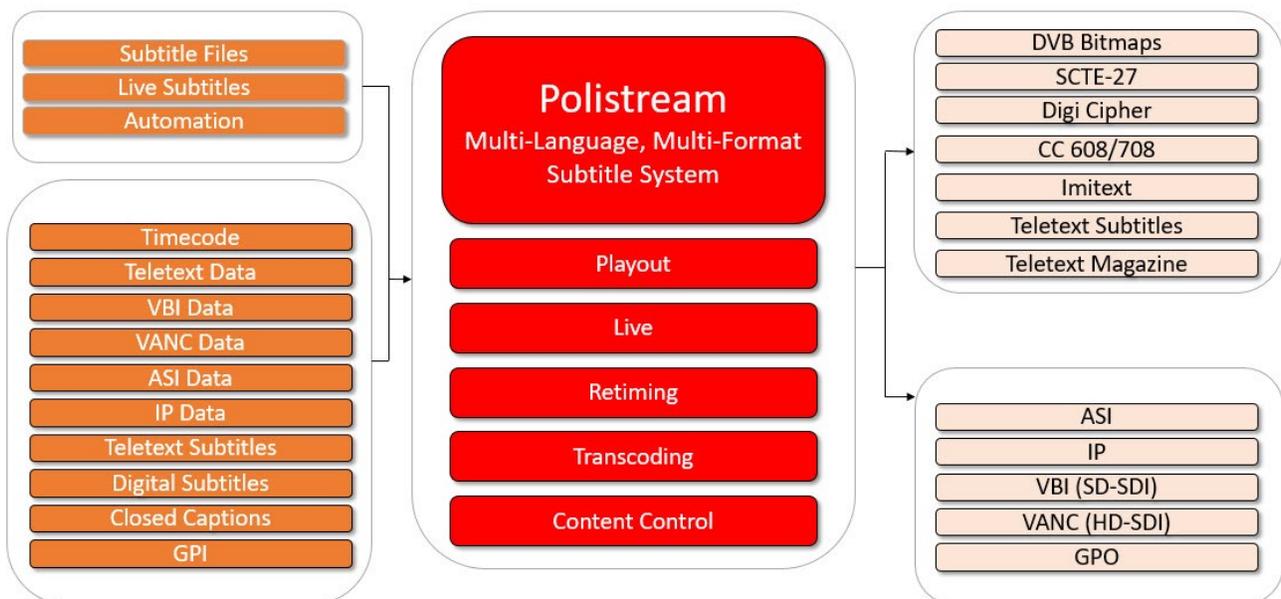
Full-length 1U chassis employs an array of software modules and internal cards to create a subtitle transmission system that meets your exact requirements.

Recently upgraded to run on 64-Bit Windows and Server 2012R2 and 2016 OS, the U8000 makes full use of our new UHD-8 card to enable greater input density.

Dual power supplies keep your subtitles on-air 24/7 and we support it with our unrivalled 24 hour support, every day of the year.

Key Features and Benefits

- Server 2012 R2 64-Bit OS
- Dual power supply
- UHD-8 Card = more channel interfaces
- Multi-channel, language, format
- Fully expandable
- Mixed: Open and DVB or Teletext
- ASI or IP based
- Playout, pass-through or mixed
- SD, HD & UHD
- Transcoding of all known formats
- 24/7/365 support



Operational Role

Supports the range of Polistream interface cards (including new UHD-8 eight input card) and software modules. Used as the basic processing unit for Polistream systems.

Features

- 2 x PCI-e slots for Polistream interface cards
- 64-Bit
- Two internal power supplies

Main Processor

Intel® Xeon® Processor 3.30GHz or better

System Memory Devices

8GB Dual Channel RAM Solid State system drive

Operating System

Server 2012R2 & 2016 OS

Media Input

Front panel USB connector

Rear Panel Connectors

- 2 x RJ45 Gigabit/100 BT - Ethernet
- 2 x 9 way D type (male) - RS232 serial (Com 1&2)
- 1 double use PS/2 type mini DIN - Mouse and keyboard
- 1 x 15 way Hi-density D type - SVGA monitor
- 2 x USB connectors - USB 3.0
- 2 x USB connectors - USB 2.0
- 1 x 9 way D type (female) - Power fail indication

Power Fail Signaling

Power fail signaling by contact closure (contact rating 2A@48v AC/DC)

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		

Control

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

Indicators

Front panel status LEDs

Physical Dimensions (W x D x H)

482 x 660 x 44mm 1RU standard 19in rack-mounting
18.97 x 25.98 x 1.73 inches

Mains Input Connector

2 x Panel mounted 3 pin IEC

Mains Input Voltage Range

90 to 264 VAC

Mains Input Line Frequency

47 – 63 Hz

Power Consumption (measured) @ 240V

Peak: 70W Typical: 60W

Environmental Cooling

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

Environmental Conditions

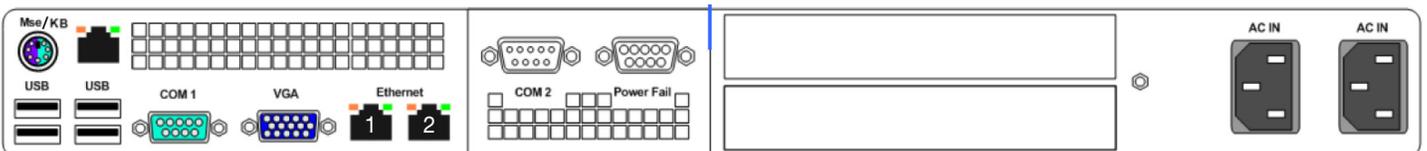
- 0°C to 30°C / 32° to 86°
- Relative humidity not exceeding 90% non-condensing

Electro-magnetic Compliance & Safety

EN55022 Class A (emissions)

EN50082-1 (immunity)

ENBS60950 (safety)



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