



DigiStream α 3

Transport **S**tream **T**ransceiver

DSS207-TS



USB 2.0

A high speed PC connectivity.



powerUSB

USB-powered device. No external power supply required.



One Device, Two Solutions

Two bi-directional SPI interfaces in a single device: SPI-LVDS and SPI-TTL.



High data rate up to 480 Mbps

Maximum output data rate up to 240 Mbps.
Maximum input data rate up to 480 Mbps.



Variable output clock

Output clock's resolution of 0.2 Hz.



Low Cost

Low cost and high efficient device for developers.



Transport Stream

Stream out and/or record MPEG-2 Transport Stream (TS).



WINUX-IT

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DigiStream- α .3 is an higher-speed essential tool in Digital TV (DVB) Research, Development, Design, Test & Production environment.

DigiStream- α .3 is an interfacing device to transmit(receive) MPEG-2 Transport Stream(TS) from(to) PC to(from) external devices. It also has a wide range of broadcast applications though its advanced interfacing ports, namely;

- 1) Bi-directional SPI-LVDS port.
- 2) Bi-directional SPI-TTL port.

Features

- ◆ USB-powered device.
- ◆ A low cost development tool in Digital TV environment.
- ◆ Transmits and receive MPEG-2 Transport Stream up to 240 Mbps and 480 Mbps respectively.
(1 Mbps = 1,000,000 bits per second)
- ◆ Two solutions in a single device; bi-directional SPI-LVDS and SPI-TTL ports.
- ◆ Adjustable output clock with resolution of 0.2 Hz.
- ◆ A user-friendly Graphic User Interface (GUI) to configurations and applications.

Software Support

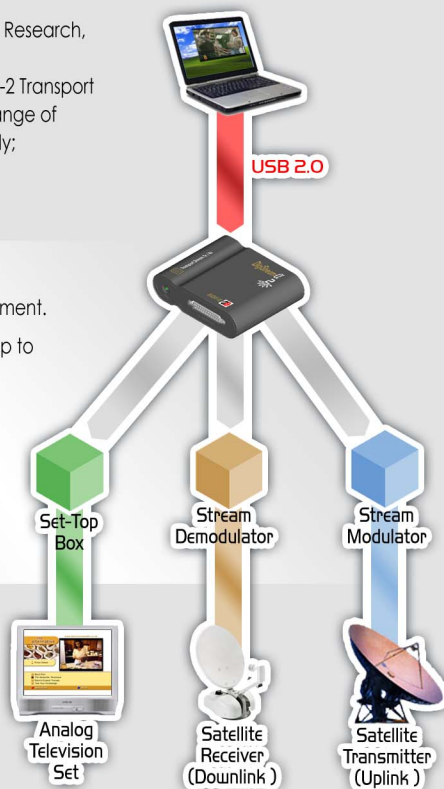
- ◆ Receiver and Software Development Kit for developing custom applications.
- ◆ Bundled with StreamTXpresser (TS transmitter software) and StreamRXpresser (TS receiver software).

System Minimum Requirements

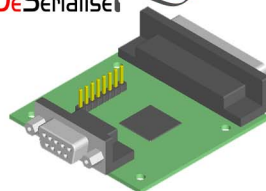
- ◆ Intel Pentium III processor 500 MHz or higher.
- ◆ Operating systems: Windows 2000/XP.
- ◆ USB 2.0 port.
- ◆ CD-ROM drive.

Technical Specifications

- ◆ Connectors: One USB 2.0 port, One SPI-LVDS port and One SPI-TTL port.
- ◆ Power-On status: Green diffused LED.
- ◆ Operational Temperature: 0°C to +70 °C.
- ◆ Dimensions: 121.5mm x 97mm x 32mm.
- ◆ Weight: 155g.



DeSerialiser



A powerful partner tool, **DeSerialiser**. De-Serialiser is an extension board that enables **DigiStream- α .3** to receive serial input data (up to 100 Mbps) from some DTV demodulators.