

Media Converter FS

DVB-S/S2 Satellite → IP

DVB-S/S2 Satellite → ASI

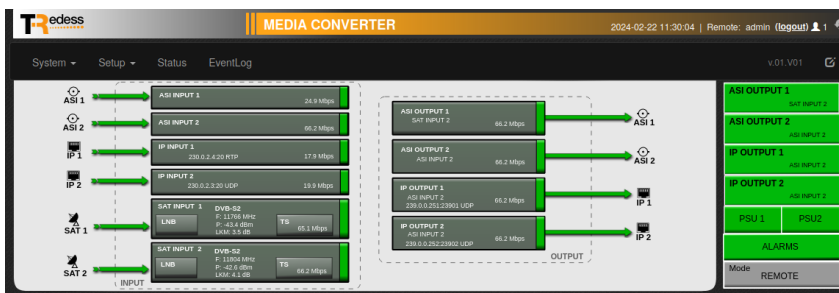
IP → ASI

ASI → IP



Top class features:

- Single or Redundant DVB-S/S2 receiver configuration with CAM.
- Single or Redundant (optional) Power Supplies.
- Inputs:
 - 2x SAT inputs with CAM.
 - 2 x TSolP unicast/multicast RTP+FEC input sockets.
 - 2 x ASI inputs.
- Outputs:
 - 2 x TSolP unicast/multicast RTP+FEC output sockets.
 - 2 x ASI outputs.
- Decryption mechanisms (PLS, BISS 1/E) & (BISS2 and BISS-CA in roadmap).
- TS remultiplexing features & PID filtering.



Smart operation & maintenance:

- Easy to use web GUI.
- Advanced Monitoring Tool.
- Front panel and LCD display.



TRedess **Media Converter** is a **standalone, compact, and powerful** tool to combine, in a **single box**, the capabilities to simultaneously receive **satellite signals** (free-to-air / encrypted), **IP links** and **ASI** inputs, and **convert & route them** to any of the **4 available ASI / IP outputs**, being a **cost-effective solution** for interfaces conversion at **headends** or **TV / Radio transmitting sites**.

MEDIA CONVERTER | Fourth Series | Technical specifications

SATELLITE RECEIVER	DVB-S demodulation	Constellation: QPSK Symbol rate: 1 to 45 MSymbols/s FEC: Automatic
	DVB-S2 demodulation	Modes: CCM, VCM y ACM, Multi Stream y Single Stream Constellation: QPSK, 8PSK, 16APSK and 32APSK Symbol rate: QPSK <67.5, 8PSK <63, 16APSK <47 and 32APSK <38 FEC: Automatic
	Decryption	2xCAM - PLS, BISS-1 and BISS-E (BISS2 and BISS-CA in roadmap)
IP INPUT/OUTPUT	Physical Layer	IEEE 802.3ac
	Data Rate	10/100/1000 (Mbps)
	Connector	4x RJ-45
	Encapsulation	UDP/RTP/RTP-FEC
	IP address assignment	Static
	Multicast	IGMP v2/v3
	Parameterizable jitter tolerance	Yes
	Transport Stream encapsulation	Up to 7 TS packets (188B/204B)
ASI INPUT/OUTPUT	Physical inputs/outputs	2xBNC female input, 75 Ohms 2xBNC female output, 75 Ohms
	TS format	According to EN 50083-9, TS 188B/204B, byte or packet mode
GENERAL	Clock and synchronization	10 MHz & 1 PPS input
	Local and Remote Control	Front LCD display with keyboard and LED indications Log file, System report Ethernet control ports: Web GUI and SNMP
	Operating temperature range	-5°C to 45°C
	Relative humidity (max.)	95%, no condensing
	Altitude of operation	≤2500 m above sea level (>2500 m upon request)
	Supply Voltage	Single or Redundant power supply (optional) 90-264 VAC (single phase) - 47 to 63 Hz
	Safety	EN 60950-1:2006+A1:2010+A11:2009 +A12:2011 - EN 60215:1989+A1:92+A2:94
	EMC	ETSI EN 301 489-1 V1.9.2 (2011-09) - ETSI EN 301 489-14 V1.2.1 (2003-05) EN 61000-4-5, heavy Industry level
	RoHS	2011/65/EU



Over **28.000** transmitters & gap-fillers worldwide, in more than **60** countries

Spain / France / Sweden / Norway / Italy / Croatia / Greece / Hungary
Poland / Estonia / Georgia / Faeroe / Peru / Chile / Brazil / Vietnam
Hong-Kong / Singapore / Thailand / Morocco / Mali / South Africa...

