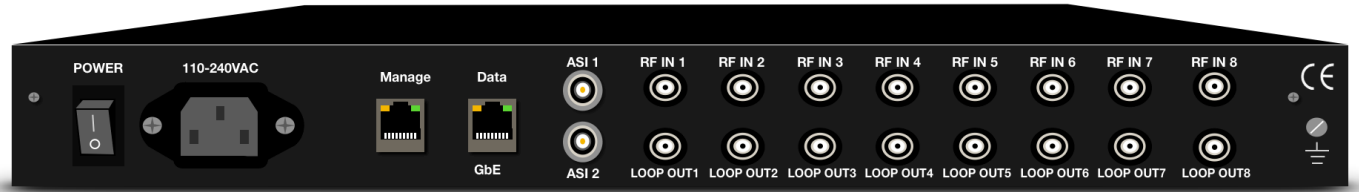
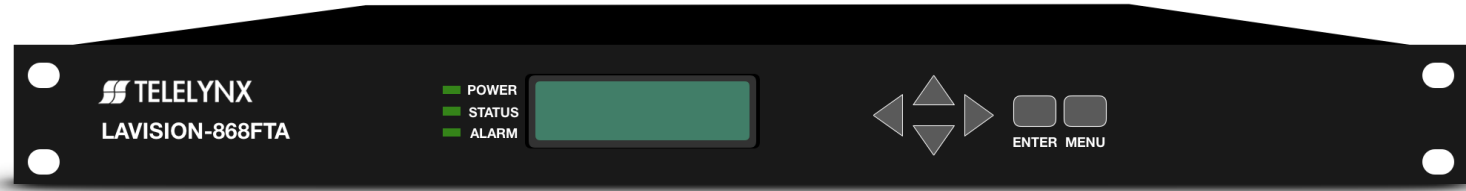




8-IN-1 DEFINITION

DVBS/S2
FTA IRD
IP OUTPUT



DVBS | S2

IP

**H.264
MPEG-4/AVC**

MODEL 868FTA LAVISION

MODEL LaVision 868FTA

Telelynx introduces an high integrated 8-tuner DVB-S/S2 satellite FTA receiver. LaVision 868FTA has 8 DVB-S/S2 RF inputs and supports multiplexing, scrambling and SI/PSI editing, or pass-through. The input satellite signal will be demodulated to TS stream and output up to 14 TS IP and 2 ASI with total 512 programs. It provides powerful FTA signal receiving, multiplexing and scrambling, which meets variety of requirements, especially for satellite programs ingest, aggregation and re-distribution.

MAIN FEATURES

Support 8 RF inputs & loop throughs	14 TS-over-IP output	Two ASI outputs after demodulating, multiplexing, and scrambling
IP output data rate range: 1 ~ 800Mbps	Support up to 512 programs for multiplexing, scrambling, SI/PSI processing	Support PID filtering, mapping and pass-through, PCR correction
Support DVB-CSA scrambling, up to 4 CAS simulcrypt	188/204 TS packet length self-adaptive	Support protocols of UDP, ARP, ICMP, and IGMP
Support HD/SD program transmitting	Support WEB/SNMP-based management	Output data rate range: GbE IP: 1 ~ 800Mbps, ASI: 1-100Mbps
Power failure memory recovery	Support device configuration import/export	Powerful configuration and network management & monitoring

SPECIFICATIONS

DVB-S/S2 INPUT

Comply to DVB-S/S2, DVB / DSS standard

Input frequency range: 950~2150MHz

Input level: -25~-65dBm

Connector: F-female type, 75ohm

Symbol rate: 2~45MSPS for QPSK;
2~45MSPS for 8PSK

Rolling off factory:0.35 for QPSK;
0.35,0.25, 0.2 for 8psk

Convolution encoding Rates:

DVB-S QPSK: 1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9, 8/10

DVB-S2 8PSK: 3/5, 2/3, 3/4, 5/6, 8/9, 9/10

8 channels RF inputs and loop out

MPEG-TS OVER IP OUTPUT

1000M base-T, Full Duplex

Bit rate: ≤800Mbps

Data Protocol: UDP/RTP, Multicast/Unicast

Both MPTS/SPTS Mode

Stream number: 1~244(MPTS mode)

7x188 bytes per UDP packet

ASI OUTPUT

2x independent ASI output, BNC, impedance: 75Ω

comply to EN50083-9, ASI standard

188 bytes per packet

Bitrate: ≤100Mbps

MULTIPLEXING

PSI/SI table(PAT,PMT,NIT,TOT,TDT,BAT) automatic & manual generate

Up to 512 programs to multiplex, and 64 service id per one MPTS out

PID Filter capabilities

ENVIRONMENT

Rated voltage: AC 90-260V 50/60Hz

Rated power: 50W

Working Temperature: -10~50°C

Storage Temperature: -10~75°C

Size:L460mm, W483mm, H44mm(1RU)

Weight: 6kg

CONTROL

100M Base-T Ethernet, RJ45,WEB(IE 8.0 or above)

6 keys: UP, DOWN, LEFT, RIGHT, ENTER,ESC

Front-Panel LCD configuration, LED indicate light

