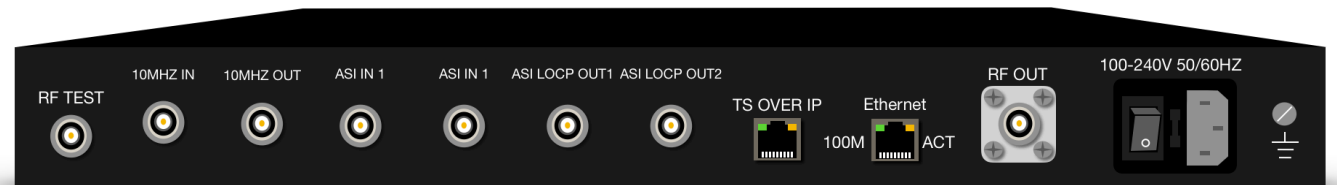
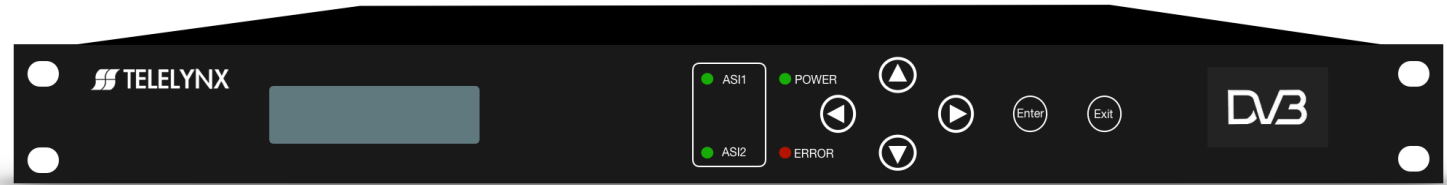




8PSK MODULATOR

DEFINITION
DVBSERIES



DVBS2 2ASI IP

MODEL QM960

QM960 DVB S2 modulator supports 2xASI and 100M IP inputs and DVB-S2 RF signal output with 8PSK/QPSK modulation. Surpassing to the previous generation DVB-S modulator, it increases 50% of the transmission capacity under same condition and it has stronger reception capacity under same spectral efficiency. This modulator complies with DVB-S2 EN302 307 and DVB-S (EN300 421) standard. It suits 1U rack and can be configured by front panel LCD and NMS (network management software). Its high-integrated and cost-effective design makes it widely used in varieties of digital wireless and satellite broadcasting distribution

SPECIFICATIONS

OUTPUT INTERFACE

MODULATION MODE:

QPSK/8PSK

FREQUENCY RANGE:

950-2150MHz

SYMBOL RATE:

17.2-40Mbaud/s Error-Correcting Codes

DVB-S:

- 1/2,2/3,3/4,5/6,7/8

DVB-S2:

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

INPUT RATE: 1.0-108Mbps

CHANNEL DATA RATE: 1-56Mbps

MER: >38dB

LEVEL ATTENUATION:

0-20dBc, 0.5dB/step

RF OUT:

N-type , impedance 50Ω

INPUT INTERFACE

ASI : 2 ASI (Main &Backup), BNC

IP: 100M RJ45, TS IP over UDP

PACKAGE FORMAT: 188/204bytes

CONTROL

ETHERNET PORT:

10/100M RJ45

NMS (Network Management System)

GENERAL

POWER:

100-240VAC, 50Hz, 25W

TEMPERATURE:

- 0~45°C (Operation)
- -20~80°C (Storage)

DIMENSION: 485*400*45(1RU)

