

CMP320-SX8/16

8/16-channel DVB-S/S2/S2X Gateway



CMP320-SX8 (8-CH DVB-S/S2/S2X Gateway)



CMP320-SX16 (16-CH DVB-S/S2/S2X Gateway)



INTRODUCTION

CMP320-SX8/16 is a high-density, cost-effective multi-channel DVB-S/S2/S2X Gateway designed to receive vast programs from the satellite catering to high-density FTA content reception of digital cable TV system and IPTV system. The device supports 8/16 DVB-S/S2/S2X inputs and 119 IP outputs as well as one ASI output. With its high dense design, powerful functions, the future-proof gateway can automatically recognize high-tier 32/64APSK constellation to receive any formats audio/video. Easy to use Web UI makes you effortlessly to acquire signals from different transponders or IP inputs and complete the service level multiplexing to shape your brand new IP streams through just a few clicks.

FEATURES

- High dense satellite signal reception with 8/16 DVB-S/S2/S2X FTA inputs
- Independent 13/18V power supply to each LNB input
- Sophisticated service multiplexing and PID filtering
- Powerful PSI/SI regeneration, service-level multiplexing and PID filtering
- Real-time TS analysis for DVB-S/S2/S2X input and IP/ASI output streams
- Web-based network management and software upgrade with user-friendly GUI

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SPECIFICATIONS

Input	
8/16 DVB-S/S2/S2X inputs	
Output	
1*RJ45 100/1000M IP output (MPTS/SPTS, UDP/RTP, up to 119 streams) 1*ASI output(MPTS/SPTS) up to 150M,BNC	
DVB-S/S2/S2X Receiving	
Interface	C/Ku band,8/16 × RF Female, F type, 75Ω
LNB Voltage	13/18V
Frequency Range	950~2150MHz
LNB Power	Independent power supplies for each LNB
Constellation	DVB-S: QPSK DVB-S2: QPSK, 8PSK, 16APSK, DVB-S2X: QPSK, 8PSK, 16APSK, 32APSK, 64APSK
Symbol Rate	DVB-S: 1~45Msps DVB-S2: 1~45Msps DVB-S2X: 1~34 Msps
FEC	DVB-S: 1/2, 2/3, 3/4, 5/6, 7/8 DVB-S2: 1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9, 9/10 DVB-S2X: 11/15, 7/9, 4/5, 5/6 (Normal FEC FECFRAME)
Signal Level	-70~-20dBm
Roll-off Factor	0.15, 0.20, 0.25, 0.35
LNB Current	Max. 400mA

Multiplexing	
Service level multiplexing, PID remapping (automatic or manual)	
PCR correction	
PSI/SI auto generation	
System	
1 * 100M RJ45 management port	
Web-based network management & software upgrade	
Physical& Environment	
Chassis Dimension	444mm x 44mm x 336mm(W x H x D), 1RU
Temperature Range	0~50 C (operation); -10~70 C (storage)
Input Voltage	100-240 VAC, 50/60Hz

ORDER INFORMATION

Model	Description
CMP320-SX8	DVB-S/S2/S2X FTA gateway,8 x transponders receiving, 119 IP outputs, 1 ASI output,independent power supply on each LNB
CMP320-SX16	DVB-S/S2/S2X FTA gateway,16 x transponders receiving, 119 IP outputs, 1 ASI output, independent power supply on each LNB

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