CMP320-S16
16-channel DVB-S/S2 Gateway

INTRODUCTION

CMP320-S16 is a high-density, cost-effective multi-channel DVB-S/S2 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 16 DVB-S/S2 inputs and 120 IP outputs . With its compact design and stable equipment operation,the gateway can automatically recognize the transponders and 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 16 DVB-S/S2 FTA inputs
- Sophisticated service multiplexing and PID filtering
- Powerful PSI/SI regeneration, service-level multiplexing and PID filtering
- Real-time TS analysis for DVB-S/S2 input and IP output streams
- Web-based network management and software upgrade with user-friendly GUI

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SPECIFICATIONS

Input	
16 DVB-S/S2 inputs	

Output	
1*RJ45 100/1000M IP output (MPTS/SPTS, UDP/RTP, up to 120 streams)	

DVB-S/S2 Receiving	
Interface	C/Ku band,16× RF Female, F type, 75Ω
LNB Voltage	13/18V
Frequency Range	950~2150MHz
LNB Power	Each 2 LNB connectors share one power supply
Constellation	DVB-S: QPSK DVB-S2: QPSK, 8PSK, 16APSK
Symbol Rate	DVB-S/S2: 1~45Msps
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 (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	482mm x 44mm x 430mm (W x H x D), 1RU
Temperature Range	0～50℃ (operation); -10～70℃ (storage)
Input Voltage	100-240 VAC, 50/60Hz

ORDER INFORMATION

Model	Description
CMP320-S16	DVB-S/S2 FTA gateway,16 x transponders receiving, 120 IP outputs

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