

CMP320



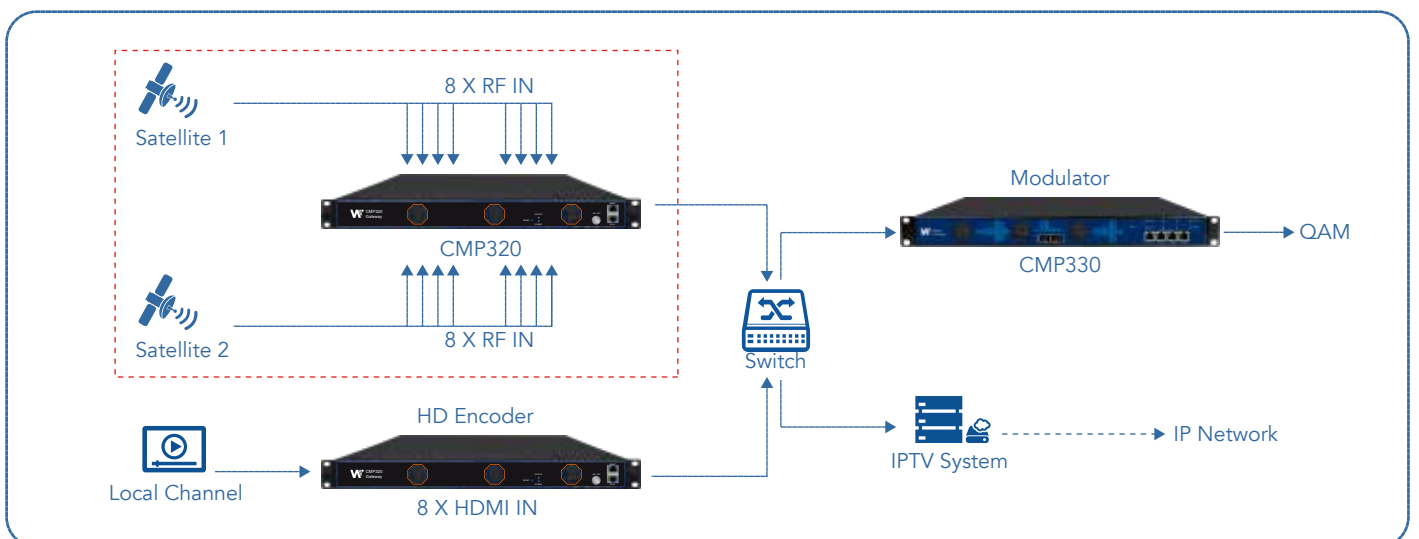
Multi-channel DVB-S/S2/S2X Gateway



INTRODUCTION

CMP320 series multi-channel DVB-S/S2/S2X Gateway is designed for both cost-effective commercial TV systems and traditional DTV systems. The device supports 8/16/24 DVB-S/S2/S2X input, 119 IP outputs and one ASI output. Due to its compact design and powerful function, it's widely used for such commercial market as hotel, hospital, community, club and campus as well as digital TV systems, where massive DVB-S/S2/S2X programs are required to be received and converted to IP streams for further transmission in a cost-effective way.

SYSTEM DIAGRAM



FEATURES

- Supports 8/16/24 DVB-S/S2/S2X input
- Supports 119 TSIP output (MPTS or SPTS) and one ASI output (MPTS or SPTS)
- Service multiplexing and PID filtering
- PSI/SI regeneration
- Configuration takes effect immediately without reboot
- Web-based network management and software upgrade with user-friendly GUI
- Simple configuration and installation

SPECIFICATIONS

Input	
8/16/24 DVB-S/S2/S2X input	
Output	
119 IP output (MPTS/SPTS, UDP/RTP) ASI output(MPTS/SPTS) up to 150M,BNC	
DVB-S/S2 Receiving	
Video	8 channels input: 8 × RF Female, F type, 75Ω
	16 channels input: 16 × RF Female, F type, 75Ω
	24 channels input: 16 × RF Female, F type, 75Ω
Frequency Range	950~2150MHz
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
Signal Level	-70~-20dBm
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)
LNB Voltage	13/18V
LNB Current	Max. 400mA

Multiplexing	
Service level multiplexing, PID remapping (automatic or manual)	
PCR correction	
PSI/SI auto generation	
System	
1×RJ45 100M management Port	
Web-based network management & software upgrade	
Physical& Environment	
Chassis Dimension	444mm×428.8mm×44mm (W x D x H), 1RU
Weight	3-6kg
Temperature Range	0~50 C (operation), -40~70 C (storage)
Input Voltage	100~240V AC, 50/60Hz

ORDER INFORMATION

Model	Interface
CMP320-SX8	8 x "F" female input, 8 DVB-S/S2/S2X transponders receiving, 119 IP outputs and one ASI output
CMP320-SX16	16 x "F" female input, 16 DVB-S/S2/S2X transponders receiving, 119 IP outputs and one ASI output
CMP320-SX24	24 x "F" female input, 24 DVB-S/S2/S2X transponders receiving, 119 IP outputs and one ASI output

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