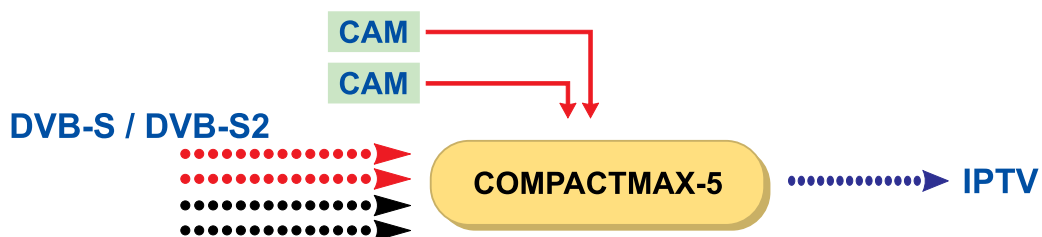# **CompactMax-5** DVB-S/S2 to IPTV

✓ **Receive Satellite TV channels in SD / HD and distribute them in IPTV**

CompactMax-5 is a compact transmodulation system that allows to distribute Satellite TV channels (DVB-S or DVB-S2) in IPTV format (TS over IP). It can be connected to up to **4 satellite inputs** (2 inputs for free channels and 2 for encrypted ones) to deliver up to 10 IPTV streams (SPTS or MPTS) with dynamic webserver management via remote control. It is integrated into a 19" 1U Rackmount case. It can also be mounted directly on the wall.

✓ **4 satellite inputs transmodulated into 10 IPTV streams (SPTS or MPTS)**

✓ **2 CI slots for decoding encrypted channels.**

✓ **Services filtering to select the desired output programmes.**

✓ **Regeneration of PAT, PMTs, SDT and NIT tables.**

✓ **Webserver for remote control and management via LAN or Internet.**

CompactMax-5 DVB-S/S2 to IPTV

Convert Satellite TV channels (also encrypted and HD) to IPTV format

The satellite input channels can be high definition (HD) or standard definition (SD) and they can be **free or encrypted** because the system incorporates on the front panel two Common Interface slots allowing to distribute encrypted programmes as free view.

Remote control via LAN or Internet

CompactMax-5 can be connected to a LAN local network or to the Internet using its RJ45 connector. In this way **remote control** can be done from any PC computer using the integrated webserver which does not require installation of any additional software.

19 " rack mounting: for broadcasters and TV distribution networks

CompactMax-5 is integrated into a standard 19" 1U high rack case. It can be used in TV headends in hotels, convention centres, hospitals, ships, etc.

Processing digital-to-digital preserving 100% of the original quality

Digital-to-digital conversion, without analogue intermediate stages, is a process that preserves 100% of the original video and audio quality. TV signals are distributed in superb quality and with all advantages of digital TV technology.

▲ **WALL MOUNTING AVAILABLE** ▲

CompactMax-5 DVB-S/S2 to IPTV

SPECIFICATIONS	CompactMax-5
SATELLITE INPUTS	4 satellite inputs
LNB	
Typical LO frequencies	9750 MHz, 10600 MHz
Supply	External / +13 (vert.pol.)/+18 V (hor.pol.), 5 W each satellite input (max.)
22 kHz signalling	Low / high frequency band
Indicators	Over / under load/current and malfunction
IF frequency range	950 MHz to 2150 MHz (LNB LO freq ± downlink freq)
Input power range	-70 to –20 dBm typ., -50 dBm nominal, -5 dBm max.
Input Impedance	75 Ω
Input return loss	> 10 dB
Noise figure	14 dB maximum
DVB-S	Up to 62 Msymb/s
DVB-S2	Up to 45 Msymb/s
IPTV OUTPUTS	10 IPTV Streams
Physical	RJ 45, 1 Gigabit Ethernet
Addressing	Multicast
Framing format	TS over IP, RTP with FEC (SMPTE 2022-1/2 compliant)
CONDITIONAL ACCESS	Two Common Interface DVB-CI compliant slots
TS PROCESSING	Selection of arbitrary number of services from the received TS
	NULL packet deletion and PCR restamping
	Regeneration of the PAT, PMT, SDT, NIT tables
	User-defined NID, ONID, Network Name, LCNs with associated private data specifier, Service Name, Provider Name and TS ID
REMOTE CONTROL	1000 Mbps Ethernet connector to access a webserver
	User-defined IP address
MECHANICAL FEATURES	
Dimensions	430 (W) x 43 (H.) x 260 (D.)
Weight	2.85 kg
Size	4,807 cm^3