POLYTRON®

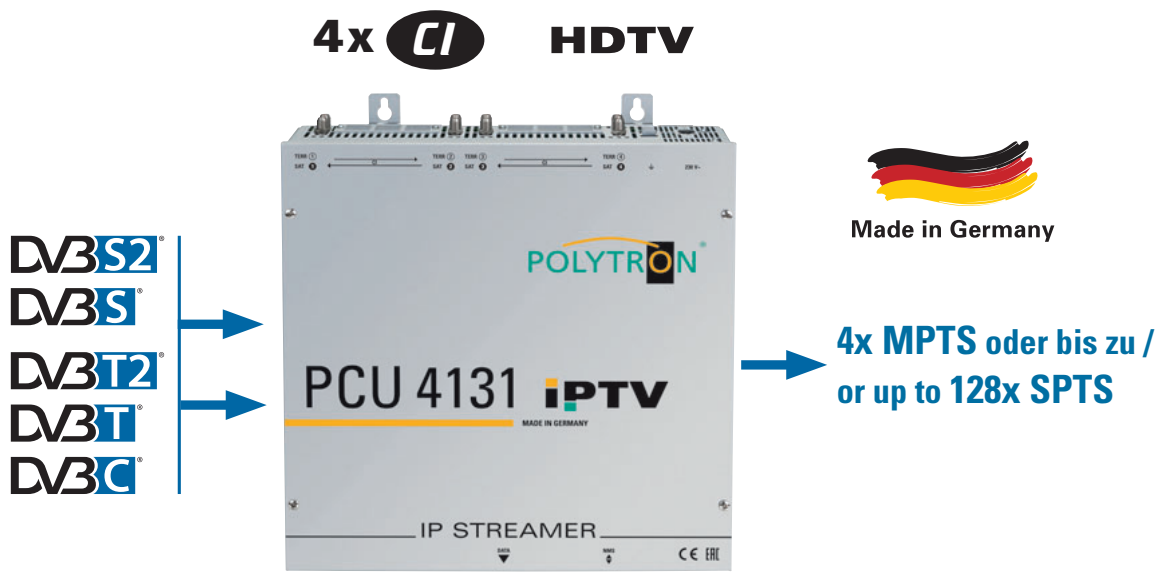
announces

NEW! Compact IP Streamer



The transmission of TV channels via data networks (IPTV) is getting more and more important.
The compact IP streamer **PCU 4131** is used for processing and distributing digital multimedia live signals in IP networks, received via satellite, terrestrial or cable.
Particularly in office buildings, fitness studios and hospitals, providing IP contents via already existing networks is an elegant solution for transmitting TV channels.

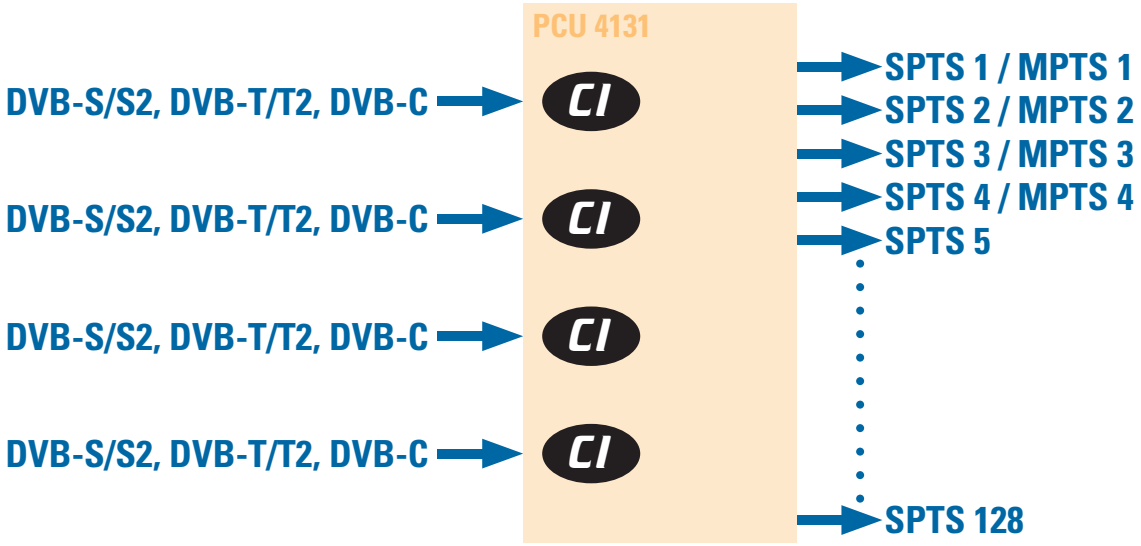
For new buildings and special applications, such as e.g. cruise ships, the fact that only an IP network needs to be installed and an additional coaxial network can be avoided is a convincing advantage.
The constant performance of IP networks also allows a reliable connection of several buildings.



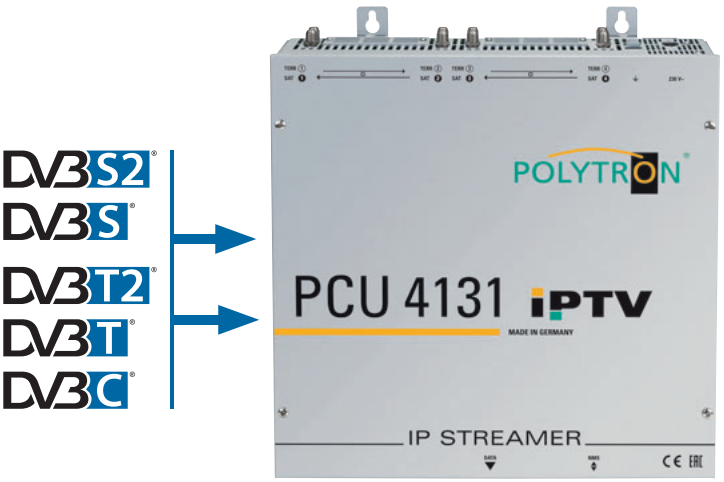
4x DVB-S/S2 / DVB-T/T2 / DVB-C in IP
IP Streamer

The IPTV compact headend PCU 4131 converts DVB-S/S2, DVB-T/T2 and DVB-C signals into IP streams. The integrated CI slots allow the central decryption of the received contents. The signal fed into the IP network is available for all subscribers of the network and can be received directly by PC with appropriate software, IPTV qualified TV sets or set-top boxes supporting the "DVB-IPTV" standard.

- *Triple tuners: Input signals freely selectable DVB-S/S2, DVB-T/T2, DVB-C*
- *Mixed reception*
- *4 CI slots*
- *Dynamic PAT and PMT*
- *Transponder contents can be erased*
- *NIT / SDT adaption*
- *Output 4x MPTS or up to 128 SPTS streams*
- *Unicast / Multicast*
- *1 GBit/s ethernet*
- *UDP / RTP*
- *Programming and updates via web browser*
- *M3U channel list generator*
- *Built-in LNB-power supply*
- *Made in Germany*



4x CI HDTV



Made in Germany

4x MPTS oder bis zu / or up to 128x SPTS

Typ / Type	PCU 4131
Artikel-Nr. / Article no.	5552140
Eingänge / Inputs	**4**
CI-Schnittstellen / CI slots	4
Eingangspegel / Input level	50...80 dBµV
Demodulator	
DVB-S2/S	
SR DVB-S / QPSK	1...45 MS/s
SR DVB-S2 / QPSK	1...45 MS/s
SR DVB-S2 / 8PSK	1...45 MS/s
Modulation	8PSK / QPSK
CR DVB-S / QPSK	1/4, 1/3, 2/5, 1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9, 9/10
CR DVB-S2 / 8PSK	3/5, 2/3, 3/4, 5/6, 8/9, 9/10
Roll off	0.35, 0.25, 0.20
DVB-T	
Modulation	QPSK, 16QAM, 64QAM
FFT	2K, 8K
Bandbreite / Channel bandwidth	7, 8 MHz
Code rate	1/2, 2/3, 3/4, 5/6, 7/8
Guard interval	1/4, 1/8, 1/16, 1/32
DVB-T2	
Modulation	QPSK, 16QAM, 64QAM, 256QAM
FFT	1K, 2K, 4K, 8K, 16K, 32K
Bandbreite / Channel bandwidth	7, 8 MHz
Code rate	1/2, 3/5, 2/3, 3/4, 4/5, 5/6
Guard interval	1/4, 5/32, 1/8, 5/64, 1/16, 1/32, 1/64, 1/128
DVB-C	
Modulation	16QAM, 32QAM, 64QAM, 128QAM, 256QAM
Symbol rate	0.2 ... 7.2 MS/s
Bandbreite / Channel bandwidth	6, 7, 8 MHz
IP-Ausgang / IP Output	
Schnittstelle / Interface	RJ45
Standard	1000-Base-T
Datenrate / Data rate	max. 800 Mbit/s
Protokoll / Protocol	MPEG over UDP/RTP Unicast / Multicast
Format	4x MPTS / max. 128 SPTS
Temperaturbereich / Operating temperature	0...50 °C
Spannungsversorgung / Operating voltage	180...265 V, 50/60 Hz
Maße (B x H x T) / Dimensions (W x H x D)	331 x 328 x 103 mm