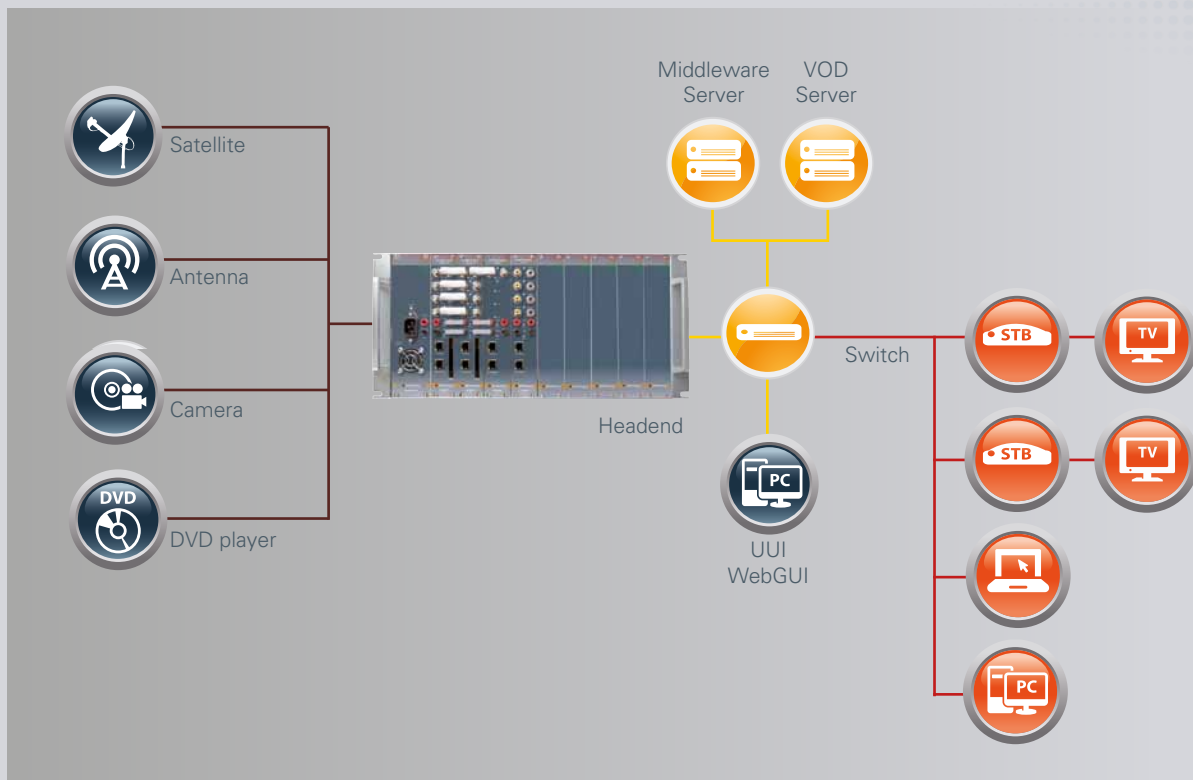# ProStreamer IP System
Headend for distribution of DVB-S2, DVB-T and Audio-Video over IP

The ProStreamer system enables the distribution of DVB-S2, DVB-T and Audio-Video (Camera, DVD player, iPod,…) services over an IP-based network. Each 19″ sub-rack can contain up to 9 modules, resulting in 144 programs!

The TV and AV-streams can be viewed on a TV as well as on a PC, all over the building. A middleware server can be installed on the network, adding lots of interactivity to the whole system!

This second series of the ProStreamer is fully Ethernet-enabled. The modules have two separate Ethernet-ports: one control port, and one streaming port.

- up to 144 programs per rack
- different configuration possibilities:
  webGUI or advanced Universal User Interface (UUI)
- remote configuration functionality
- the streaming traffic can be separated from the configuration (up to the user),
  to avoid unauthorized access
- configuration with PC, smartphone (or PDA), iPad,…

- remote access possibility
- 4 tuners allow reception of 4 transponders per module
- 4 inputs to receive 4 satellite bands per module
- stream up to 16 programs per module
- decode up to 12 programs per module with multi-service CAM
- separate streaming and configuration port

Reference		5202	5203
		DVB-S2	
Input	Interface	4 x QPSK / 8PSK	
Output	Standard Protocols Capacity	IEEE 802.3 10/100 Base-T Multicast IP/UDP Up to 16 simultaneous streams (up to 100 Mbps)	
Connectors	RF input with loop-through	8 x female F	
	Power supply with loop-through	4 x "banana" socket	
	Management port	RJ-45	
	Streaming port	RJ-45	
	PCMCIA CAM slot	no	yes
General	Supply voltage	+15 VDC	
	Consumption	0.6 A	0.8 A
	LED indications	4x lock status, Power, Alarm	
Performance	Transport stream processing	de-multiplexing of up to 4 transponders PSI/SI parsing PID filtering/remapping capability regeneration of PAT/PMT tables EMM/ECM pass-through IP/UDP encapsulation of up to 16 MPEG streams	
Operating temperature		0 to +40°C	
Dimensions		5RU x 8TE x 195 mm	

ProStreamer Range
DVB-T→IP

- remote access possibility
- 4 tuners allow reception of 4 multiplexes per module
- stream up to 16 programs per module
- decode up to 12 programs per module with multi-service CAM
- separate streaming and configuration port

Reference		5210	5211
		DVB-T	
Input	Interface	4 x COFDM	
Output	Standard Protocols Capacity	IEEE 802.3 10/100 Base-T Multicast IP/UDP Up to 16 simultaneous streams (up to 100 Mbps)	
Connectors	RF input with loop-through	2x female F	
	Power supply with loop-through	4x "banana" socket	
	Management port	RJ-45	
	Streaming port	RJ-45	
	PCMCIA CAM slot	no	yes
General	Supply voltage	+15 VDC	
	Consumption	0.5 A	0.7 A
	LED indications	4x lock status, Power, Alarm	
Performance	Transport stream processing	de-multiplexing of up to 4 transponders PSI/SI parsing PID filtering/remapping capability regeneration of PAT/PMT tables EMM/ECM pass-through IP/UDP encapsulation of up to 16 MPEG streams	
Operating temperature		0 to +40°C	
Dimensions		5RU x 8TE x 195 mm	

- remote access possibility
- 4 AV stereo inputs per module
- separate streaming and configuration port
- ideal solution for CCTV or near-VOD!

Reference		5230
		A / V
Input	Interface	4 x A / V (CVBS)
Output	Standard Protocols Capacity	4 streams
Connectors	RF input with loop-through	Video: 4 x CINCH Audio: 4 x Jack Ø 3,5 mm Stereo
	Power supply with loop-through	4x "banana" socket
	Management port	RJ-45
	Streaming port	RJ-45
General	Supply voltage	+15 VDC
	Consumption	0.65 A
	LED indications	Power, Alarm
Performance	Transport stream processing	encoding: Video: MPEG-2 Audio: MPEG-1 IP/UDP encapsulation of 4 MPEG streams
Operating temperature		0 to +40°C
Dimensions		5RU x 8TE x 195 mm