



# Modular reception system

## Multichannel DVB to IP streamers

IP streaming of free-to-air and scrambled DVB services.

- SPTS or MPTS IP stream
- regeneration of information contained in the MPEG-2 tables
- UDP and RTP transmission protocols
- SDP/SAP protocol support
- TS file streaming from USB flash
- Web control
- loop through RF distributing
- DIN rail or wall mounting
- robust die-cast housing
- connectors:
  - RF input/output - type F
  - Ethernet control, Ethernet stream output - RJ-45
  - 2xCI slots - PCMCIA (sdi482C, sti441C)
  - USB - USB-A
  - screw terminal block for DC entry
  - power distribution bus

- sdi416**  
16 x DVB-S/S2/S2X to IP
- sdi482C**  
8 x DVB-S/S2/S2X to IP, with two CAMs
- sti441C**  
4 x DVB-T/T2/C to IP, with two CAMs supporting multi PLP mode



Technical specifications		TYPE		
		sdi416	sdi482C	sti441C
<b>Ordering number</b>		03841	04800	03888
<b>Number of channels</b>		16	8	4
<b>RF input</b>		DVB-S/S2/S2X		DVB-T/T2/C
	frequency range	950-2150 MHz		47-862 MHz
	AGC range/impedance	45-85 dBμV / 75 Ω		45-80 dBμV / 75 Ω
	symbol rate	2-45 Ms/s		-
	loop through frequency range/loss	950-2150 MHz / ≤ 1.5 dB		-
<b>LNB powering/control</b>		0/13/18 V & 1 A max. DiSEqC 1.0, EN50494, EN50607		-
<b>DC output for preamplifier</b>		-		12 V 100 mA
<b>IP output</b>		IEEE 802.3 1000 Base T*		
	standard	IEEE 802.3 1000 Base T*		
	bit rate	up to 1.2 Gbps	up to 0.6 Gbps	up to 200 Mbps
	transmission protocols	UDP/RTP		
	multicast	Yes		
	MPTS	Yes		
	SPTS	Yes		
<b>CA modules</b>		No	Yes	
<b>Control port</b>		standard IEEE 802.3 10/100 Base T		
<b>Current consumption</b>		12 V 0.8 A**	12 V 1.0 A***	12 V 0.6 A****
<b>Operating temperature range</b>		0° ± +50° C		
<b>Dimensions/Weight (packed)</b>		48.5x198x112 mm/0.97 kg		36x198x112 mm/0.84 kg

\* IEEE 802.3 10/100 Base T standard is not supported  
 \*\* without external DC feeding, with maximal external load 3.0 A  
 \*\*\* without external DC feeding and CAM, with two CAM's and maximal external load 3.2 A  
 \*\*\*\* without external DC feeding and CAM, with two CAM's and maximal external load 1.1 A