GSS **Smart Server**

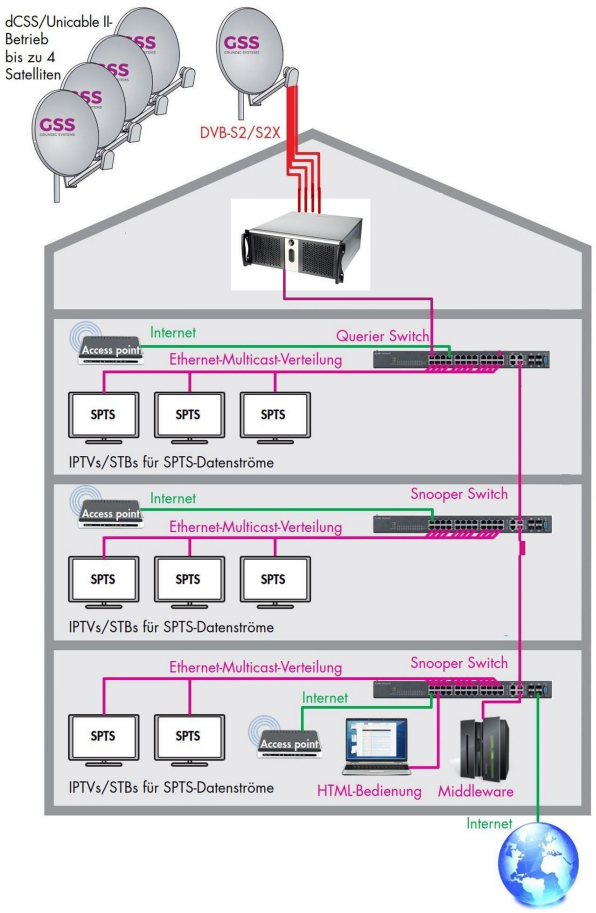
IP 24S2X 6CI HLS

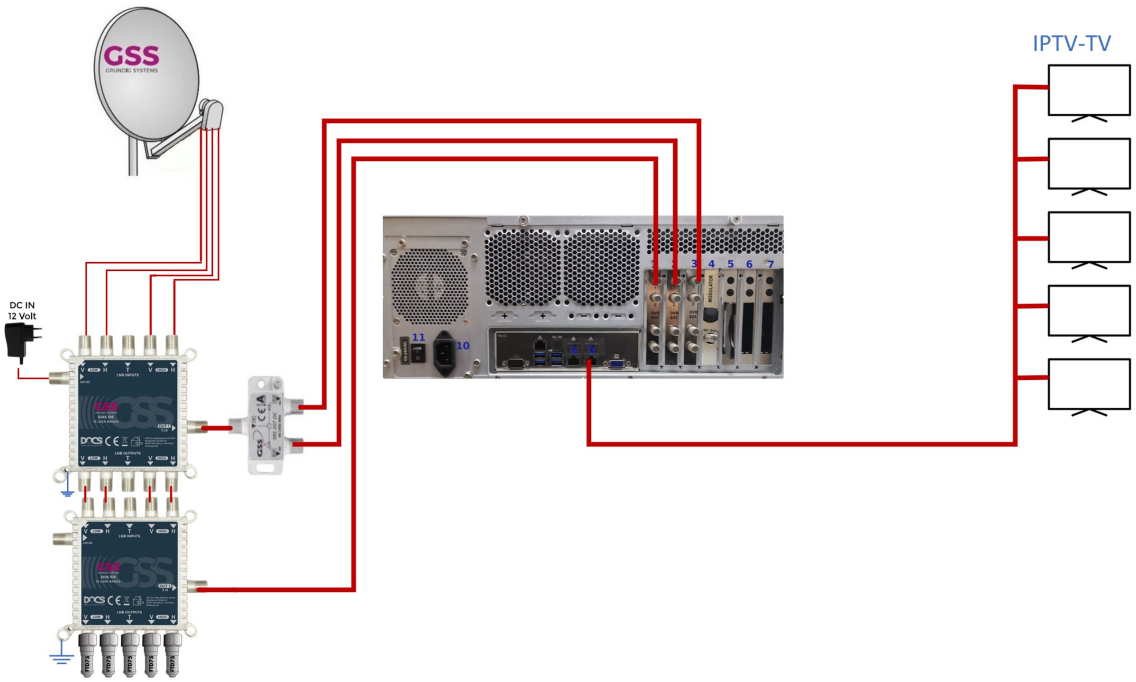


24 x DVB-S2 in 160 x SPTS (UDP or RTP)

Features

- 12 SAT IF inputs with integrated multiswitch
- Up to 4 satellites with each 4 levels in conjunction with specially programmed multi-switches
- 24 DVB-S2X tuners with 16/32/64/128/256APSK support
  – SAT input selectable
- 160 SPTS (Single Programme Transport Stream)
  Up to 160 services can be converted into IP SPTS transport streams.
  Overall data rate max 800 Mbit/s
  – Free adjustable IP addresses.
  – EPG; can be switched off in order to reduce data rate.
  – Session Announcement Protocol (SAP) is supported.
  – Service list for DRIP1000; Panasonic, Loewe, Philips, VESTEL BEWATEC TVs and Amino H200
- HTML User interface
- World wide access via OpenVPN by PC, tablet or smart phone with Internet access.
- 6 CI Slots for 6 independent Conditional Access Module
- 10 Media player
  – 10 Stream´s in endless loop as IP SPTS – transport streams
- 50 x HLS signal generation (HTTP Live Streaming)- preconfigured profiles- possibility to integrate the HLS URLs (m3u) into other websites of the same network





GSS Smart Solutions GmbH • Beuthener Str. 33 • 90471 Nürnberg • Tel. +49 (0)911 300 829 0 • info@gss.de • www.gss.de

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Technical data:

The devices meet the EU directives 2011/65/EU, 2014/30/EU and 2014/35/EU.

The product fulfils the guidelines and standards for CE labelling.

Unless otherwise noted all values are specified as "typical".

RF input DVB-S2

Frequency range:	950 ... 2150 MHz
DVB-S modes:	QPSK 1/2 , 2/3 , 3/4 , 5/6 , 7/8
DVB-S2-modes:	QPSK 1/2 , 3/5 , 2/3 , 3/4 , 4/5 , 5/6 , 8/9 , 9/10
	8PSK 3/5 , 2/3 , 3/4 , 5/6 , 8/9 , 9/10
	16APSK 2/3, 3/4, 4/5, 5/6, 8/9, 9/10
	32APSK 3/4, 4/5, 5/6, 8/9, 9/10
Symbol rate DVB-S:	QPSK: 1 ... 45 MSymb/s
Symbol rate DVB-S2:	QPSK: 4,5 ... 45 MSymb/s
	8PSK: 4,5 ... 45 MSymb/s
	16APSK: 4,5 ... 39 MSymb/s
	32APSK: 4,5 ... 32 MSymb/s
Maximum data rate/tuner	83 MBit/s
Level range:	60 dBµV ... 80 dBµV
Input impedance:	75 Ω
LNC supply:	14V/18V; max. 400 mA

Connections

SAT inputs :	12 F-Buchsen
LAN 1000-BASE-T:	2 RJ45-Buchse
USB	4 x USB 3-1 (5Gbps) port
CI Slots	6 (several channels can be descrambled)

IPTV-Outputs

SPTS	160
IGMP	V2
Protokolle:	UDP (User Data Protocol), RTP (Real-Time Transport Protocol)

HLS-Ausgang

Number of HTTP Live Streaming	max. 50
Television programs and radio programs mixed possible	ja

General

Supply voltage	200...240 V ~, 50/60 Hz
Power consumption:	90W (ohne LNC-Speisung)
Ambient temperature:	0...+50 °C
Cooling	aktiv
Dimensions (W x H x D):	19 Zoll 4 HE 484mm x 180 mm x 515 mm
Weight :	15 kg

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