GSS **Smart Server**

Hybrid 8M 6CI TM

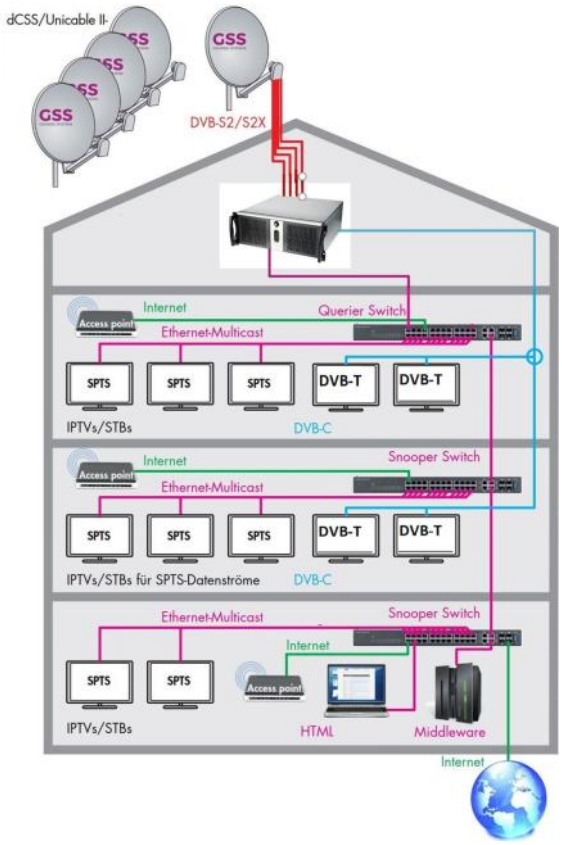
8 x DVB-S/S2/C/C2/T/T2 in

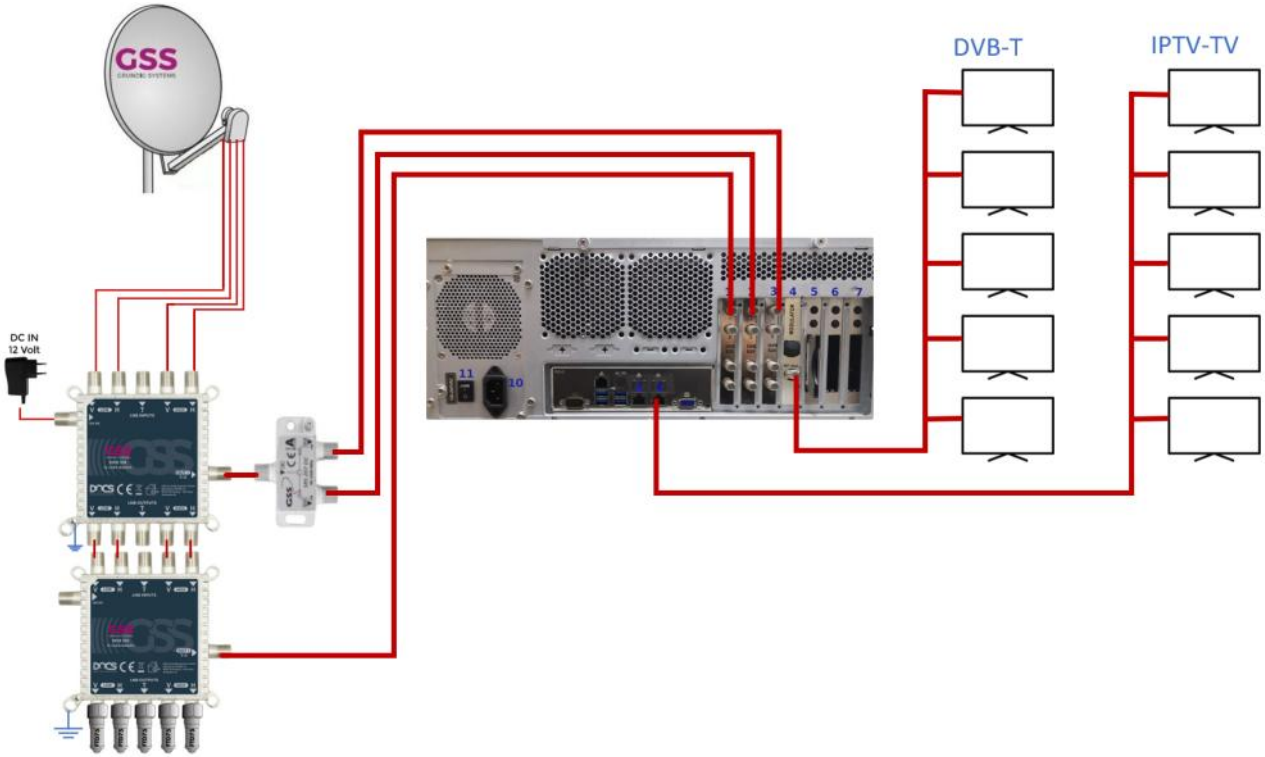
160 x SPTS , 14 x DVB-T und 16 x MPTS



Features

- 10 HF inputs (4xSAT und 1x DVB-T/C per card)
- 8 x DVB-S/S2/C/C2/T/T2 Tuner
- 16 x MPTS out (max data rate <800 Mbit/s)
- Up to 160 services can be converted into IP SPTS transport streams.
  – 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 with Internet access.
- 14 COFDM Fullband modulator with 7/8 MHz grid
  – MER >42 dB
  – Output level is adjustable
  – Code rate and modulation individually adjustable
- 10 Media player
  – 10 Stream´s in endless loop as IP SPTS – transport streams
- 10 Webplayer (HLS) (option) as IP transport streams and QAM out
  – 10 Stream´s from Internet (option)
- 6 CI Slots for 6 independent Conditional Access Module Multiplex of SAT input, media player and web player programs to QAM and/or MPTS output signal
- Multiplex of SAT input, media player and web player(option) programs to DVB-T and/or MPTS output signal





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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".

HF-Eingang DVB-S/S2/C/C2/T/T2 with Tunermodul M M4

DVB-S2 QPSK/8PSK max 46 MSym max 120 MBit/s Level.....60 dBµV ... 80 dBµV

DVB-T/T2 NormVersionen: 1.1.1, 1.2.1 und 1.3.1 Level.....60 dBµV ... 80 dBµV

DVB-C/C2 Norm EN 300 429 Level.....60 dBµV ... 80 dBµV

RF output COFDM 14 Channels

Frequency range 8 MHz Grid .....C5-C12 , C21-C69 114MHz ... 858,0 MHz
Types of modulation: .....COFDM QPSK,QAM16, QAM64
Output level: .....80...96 dBµV
Dynamic phase error: ..... < 0,2°
MER: .....> 42 dB
Coderate: 1/2, 2/3, 3/4, 5/6, 7/8
Output impedance :..... 75 Ω

Multiplex (Webplayer is a option)

Multiple programs from SAT tuner, IPTV, Mediaplayer and Webplayer to .....QAM ,MPTS Output signal

Connections

HF inputs : 10F-Buchsen
RF output: ..... 1 F-Buchse
LAN 1000-BASE-T: 2 RJ45-Buchse
USB.....4 x USB 3-1 (5Gbps) port
CI Slots.....6 x CI module

IPTV-Outputs

SPTS 160
MPTS.....16
IGMP V2
Protokolle: .....UDP (User Data Protocol), RTP (Real-Time Transport Protocol)

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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