

Compact excellence

Introducing the all-new TDcH compact headend

TRIAX



A sleek combination of intuitive software, central decryption and remote access

DVB-S and DVB-S2 conversion to Digital RF (QAM) and IPTV with the possibility to decrypt services centrally in the headend.

Built for both wall mounting and 19" racks and equipped with 4 DVB-S/S2 inputs, 16 DVB-S2X tuners, 16 QAM modulators and 8 CI slots.

The TDcH compact headend is optimised and engineered to meet specific TV distribution requirements in hospitality, and related sectors with an appealing, competitive cost per service ratio.



Smooth Integration

- Central decryption with CI slots; FTA version available
- Pre-configured for quick installation and reduced costs: DVB-S/S2 in, QAM and IPTV out
- Remote management for quick and easy support
- Easy and central updates of TV services with LCN
- Straightforward setup and configuration via intuitive GUI

Compact Excellence

- Exquisite engineering, finely tuned for perfect performance
- Your natural choice for swift, efficient TV distribution
- Save time and costs, with fast, easy installation and remote management
- Fits elegantly into 19" racks
- Reliable, innovative headend expertise from TRIAX

Smooth integration

Introducing the all-new TDcH compact headend



Proud heritage:

TRIAX headends are the truest expression of our values of reliability and innovation. They're developed from the ground up at our headquarters in Denmark, with over 24,000 sold in the last decade alone.

Each and every TRIAX headend guarantees the same quality TRIAX experience, saving time and costs, and increasing your own customer loyalty.

With the TDcH compact headend, we now have a headend to suit the requirements of every installation size and budget.

TDcH Features:

- 4 x SAT IF inputs with integrated multiswitch
- 16 x DVB-S2 tuners
- 8 x CI interfaces
- 16 x QAM full band modulators
 - Electronically adjustable output level
 - Suitable for adjacent channels
 - Symbol rates and modulation individually adjustable
- Transport Stream Processing:
 - Network Information Table (NIT) for complete head-end station
 - LCN (Logical Channel Numbering)
- Service Filtering with the option for
 - Remove unwanted services
 - Remove services for minimize data rate
- HTML user interface via self-signed HTTPS



CHARACTERISTICS

Supported input signals	16 x DVB-S/S2
Supported output signals	16 x QAM/COFDM, IPTV-Out
CI interface	8 CI slots
Frequency range (RF out)	306-862 MHz
Impedance (RF out)	75 Ohm
Test point	-20 dB
Output level max	QAM 95/COFDM 93 dBμV
MER	QAM >= 43/COFDM >= 40 dB

POWER SUPPLY

Operating voltage	100-264 50/60 Hz VAC
Power consumption, max	90 W
Max. LNB control	4 x 300 mA

CONNECTORS

AC Power in (1.8 m)	IEC 320 (cable)
RF out	F-connector
Test point	F-connector
PC interface	2 x RJ 45
SFP cage for Cat or Opto	1 x SFP Module

ENVIRONMENT

Temperature, operating	-10...+50 °C
Temperature, storage	-20...+70 °C
Humidity, operating	20...80 %
Humidity, storage	10...90 %

REMOTE MAINTENANCE

Remote access	Yes
Software updates	Yes
Self-signed HTTPS	Yes

SIGNAL PROCESSING

LCN (HD)	Yes
Network ID setting	Yes
Service filtering	Yes

CONFIGURATION

Pre-configured	Yes
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MECHANICAL

Product HxDxW	90/2x220x430mm
Weight - net	3.9 kg