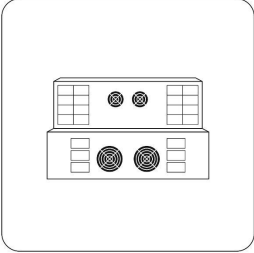





N. Digital Headend

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| HEADENDS | Digital Headends Category Index |
|  | <p>N. Digital Headends (Signal Processing)</p> <ul style="list-style-type: none"> n.1 TDX n.2 TDH800 n.4 Cat TV n.5 DRM Servers n.6 Rack Mounting n.8 Headend Packages |
| Remarks: Page 1 of 12 | |





n.1 TDX

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| 492006 | TDX Redundant Power Supply Unit | Brand: Triax |
|  | <p>The TDX Redundant power supply provides you with a high degree of power assurance in connection with your TDX headend system.</p> <p>The redundant power supply uses two identical power supply units mounted in a mechanical frame. Only one of the two units will be active at all times supplying power. If one power supply unit breaks down the other unit instantly takes over and thereby prevents an interruption of the supply of power.</p> | |


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| 492091 | TDX Black Edition | Brand: Triax |
|  | <p>TRIAx Black Edition</p> <p>is the ultimate choice when delivering reliable solutions to the hospitality sector. Our solutions fully support upgrades and new installations.</p> <p>The TDX Black Edition cabinet is designed with up to 16 input modules and 6 Quad output modules; it is extremely compact and can therefore be easily installed on a wall or in a 19" rack. Whether it is related to the installation, maintenance or repair, all inputs, outputs and cables can be easily installed and operated from the front of the cabinet.</p> <p>Up to three TDX Black Edition Headends can be combined as one system of input and output signals, as such up to 72 PAL, COFDM or QAM channels are possible (or 480 IP services). The new HTML5 user interface guarantees easy installation, remote control and system monitoring via SNMP.</p> <p>DRM integration for secure HD-service distribution is supported and can be easily handled with the Simulcrypt interface.</p> <p>With the PID-management the TDX Black Edition supports services changes without any retuning of TV's.</p> <p>Size: 290x240x440mm Remarks: Sky CAM Module Approved</p> | |





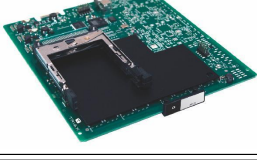

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|---|---|
| TDXCARDS | TDX Cards Sub Category Index |
|  | <ul style="list-style-type: none"> n.1 TDX Cards <ul style="list-style-type: none"> n.1.1 Front End Cards n.1.2 Back End Cards n.1.3 IPTV n.1.4 Parts |
| Remarks: Pages 1 of 5 | |


n.1.1 Front End Cards

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|---|---|----------------------------|
| <p>492020</p>  | <p>TDX Frontend DVB-S</p> <p>DVB-S/S2 input module - QPSK and 8PSK demodulator. The DVB-S module is able to receive a complete transponder. All services on the chosen frequency will be transferred to the TDX pool. Input frequency: 950-2150. Supports DiSEqC 1.1</p> <p>Demodulator Type: QPSK/8PSK DiSEqC level: 1.1 LNB LO/HI programmable: 0/22 kHz LNB V/H programmable: 0...13...18/300 V/mA Input level: 55...75 dBμV</p> <p>Size: 29 x 132 x 50 mm</p> | <p>Brand: Triax</p> |
| <p>492023</p>  | <p>TDX Front END DVB-T/T2</p> <p>DVB-T2 input module, The DVB-T/T2 module is able to receive a complete transponder. All services on the chosen frequency will be transferred to the TDX pool. Input frequency: 177, 5 - 226,5 / 474-862.</p> <p>COFDM demodulator Demodulator/Mode: 16QAM, 64QAM / 2k and 8k. Input Level 45...75 dBμV</p> <p>Size: 29 x 132 x 50 mm</p> | <p>Brand: Triax</p> |
| <p>492030</p>  | <p>TDX Frontend HDMI</p> <p>The HDMI encoder module converts digital audio and video signals from a set top box, a DVD player, a camera, laptop or other sources, into a MPEG data stream. This HDMI data stream is then available in the TDX pool and can be sent out on all TDX output modules.</p> <p>Audio embedded: AAC, 48 kHz/MPEG-2(L1) Output Type: MPEG (Serial) transport stream (LVDS) Output Video Codec: MPEG-2/MPEG-4 Output Video Codec Settings (CBR): 3...11 @ 1 Mbps Input video standards: 480i30; 480p60; 576i25; 576p50; 720p50/60; 1080p25/30; 1080i25/30</p> <p>Size: 29 x 126 x 53 mm</p> | <p>Brand: Triax</p> |
| <p>492080</p>  | <p>TDX AV Input Module 1 Channel</p> <p>AV encoder module. The encoder cassette converts analogue video and audio signals into a MPEG2 or MPEG4 data stream. This data stream is then available in the TDX pool and can be sent out on all TDX output modules. Teletext and WSS signaling in the analog signal are also converted into the MPEG2/4 stream.</p> <p>Audio embedded; AAC, 48 kHz/MPEG-2(L1), Stereo Output Type: MPEG (Serial) transport stream (LVDS) Output Video Codec: MPEG-2/MPEG-4 Output Video Codec Settings (CBR): 1, 2.5, 5, 10 Mbps Scan Resolution: 525, 625 Pixel</p> <p>Size: 29 x 126 x 53 mm Remarks: Requires D-sub Cable</p> | <p>Brand: Triax</p> |





n.1.2 Back End Cards

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| <p>492050</p>  | <p>TDX PAL Backend FTA</p> <p>TDX backend PAL output module [DVB-S/S2] - Quad FTA. Any of the services coming from the TDX Pool can be modulated to an analogue PAL signal. It is possible to send out 24 PAL services/TV programs from one cabinet. Each of the output modules can be delivered with 2 CI-slots. Full band modulator.</p> <p>VSB - VHF/UHF, mono, A2, Nicam</p> <p>Size: 17 x 162 x 185 mm</p> | <p>Brand: Triax</p> |
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| Satellite Reception Terrestrial Reception IPTV Dishes Amplifiers Receivers Headends Antennas | | |
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| 492051 | TDX Backend PAL CI | Brand: Triax |
|  | <p>PAL output module [DVB-S/S2] - Quad CI. Any of the services coming from the TDX Pool can be modulated to an analogue PAL signal. It is possible to send out 24 PAL services/TV programs from one cabinet. Each of the output modules can be delivered with 2 CI-slots.Full band modulator.</p> <p>VSB VHF/UHF mono, A2, Nicam</p> <p>Size: 17 x 162 x 185 mm</p> | |
| 492052 | TDX Back end PAL Down Scale Card | Brand: Triax |
|  | <p>The TDX quad PAL HD downscale module can take any HD service from the pool, scale the service down to SD format, modulate it in to a PAL signal and distribute it in a PAL services / TV programs from each module equal to 24 PAL services from one cabinet.</p> <p>VSB VHF/UHF mono, A2, Nicam</p> <p>Size: 17 x 162 x 185 mm</p> | |
| 492056 | Back End QAM CI Module | Brand: Triax |
|  | <p>QAM Quad output module. It is possible to create your own bouquets of services/TV programs, available in the TDX Pool, and put them together in a QAM data stream. Depending on the bandwidth of each service it is possible to mix all the services and use the total bandwidth in an optimal way.</p> <p>Size: 17 x 162 x 185 mm Remarks: Indent</p> | |
| 492061 | TDX Backend COFDM with CI | Brand: Triax |
|  | <p>TDX Backend - COFDM quad output module. It is possible to create your own bouquets of services/TV programs, available in the TDX Pool, and put them together in a COFDM data stream. Depending on the bandwidth of each service it is possible to mix all the services and use the total bandwidth in an optimal way.</p> <p>2 x CI Slots -Suitable for 2 Sky CAMS</p> <p>Size: 17 x 162 x 185 mm</p> | |
| 492070 | TDX Backend Twin CI Module | Brand: Triax |
|  | <p>The 2 x CI backend module enables you to take several services depending on CAM module from the TDX pool, decrypt them and loop them back in decrypted form to the pool.</p> <p>2xCI = 2 Sky Cam Modules</p> <p>Size: 17 x 162 x 185 mm</p> | |
| 492072 | TDX Back End IP Card | Brand: Triax |
|  | <p>The IP output module is an output module for transmission of digital video, audio and miscellaneous data, encapsulated within one or more MPEG2/DVB single program transport streams.</p> <p>The TDX headend system provides the following functionality when the IP out module has been installed:</p> <ul style="list-style-type: none"> IP multicast streaming (UDP streaming) RTP option IGMP version 2 SPTS including SDT, PAT, PMT, CAT Packet ratio of 3-7 TS packet per IP packet ratio 3-7:1 Max. BW 720 Mbits/s output per IP output module 96 services per IP output module/AUX socket Possible to change service ID (SID) Possible to select from IP via Link 2 x CI slots complying EN 50 221 <p>Size: 17 x 162 x 185 mm</p> | |

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| 492073 | TDX Pro:Idiom® IP Backend | Brand: Triax |
| <p>TDX Backend - Pro:Idiom®* IP Output Module</p> | | |
| <p>The Pro:Idiom® IP output module is an TDX module for transmission of digital video, audio and miscellaneous data, encapsulated within one or more MPEG/DVB single program transport streams. The Pro:Idiom® IP output module support DRM function for LG hospitality TVs to secure protected distribution of the IPTV-services in a IP Network. Each TDX main unit can be equipped with two Pro:Idiom® IP output modules.</p> | | |
| <p>The TDX headend system provides the following functionality when the Pro:Idiom® IP output module has been installed:</p> | | |
|  | <ul style="list-style-type: none"> IP multicast streaming (UDP streaming) RTP option IGMP version 2 SPTS including SDT, PAT, PMT, CAT Packet ratio of 3-7 TS packet per IP packet ratio 3-7:1 48 services per Pro:Idiom® IP output module/AUX socket and 24 of them can be scrambled with Pro:Idiom® Possible to change service ID (SID) Possible to select from IP via Link 2 x CI slots complying EN 50 221 <p>The backend module package consist of:</p> <ul style="list-style-type: none"> IP output module Auxiliary board SFP transceiver RJ45 - copper <p>* Pro:Idiom® is a registered trademark of Zenith Electronics LLC</p> | |


n.1.3 IPTV


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| 418040  | TDX IPTV-out 12 service - Start <p>IP output SFP. When the incoming signals are distributed in the IP format, you will need a copper or fibre SFP (RJ45) and additional SW. The start package (item no. 418040) for IP is for 12 IP services</p> <p style="text-align: right;">Brand: Triax</p> <p style="text-align: center;">Remarks: Software Licience</p> | |
| 418041  | TDX IPTV-out 12 service - Expand <p>IP output SFP. When the incoming signals are distributed in the IP format, you will need a copper or fibre SFP (RJ45) and additional SW. The start package is for 12 IP services, and for additional services the IPTV expand software (item no. 418041) is supplied in packages for 12 services</p> <p style="text-align: right;">Brand: Triax</p> <p style="text-align: center;">Remarks: Software Licience</p> | |
| 418042  | 4 IPTV OUT Starter Pack <p>When the incoming signals are distributed in the IP format, you will need a copper or fibre SFP (RJ45) and additional SW. The add-on package (item no. 418042) this is a 4 channel IP Starter.</p> <p style="text-align: right;">Brand: Triax</p> | |
| 418043  | TDX IPTV-out 4 service - Expand <p>When the incoming signals are distributed in the IP format, you will need a copper or fibre SFP (RJ45) and additional SW. The add-on package (item no. 418043) for IP is for 4 Extra IP services.</p> <p style="text-align: right;">Brand: Triax</p> <p style="text-align: center;">Remarks: Software Licience</p> | |


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| <p>418047</p>  | <p>TDX IPTV-in 4 service - Start</p> <p>IP-in 4 IP services – Start pack</p> <p>When the incoming signals are in the IP format, you will need a RJ45 or fibre SFP and additional software licenses, to receive the IP Services. This start package is for 4 IP-in services.</p> <p>Brand: Triax</p> <p>Remarks: Software Licience</p> | <p>Brand: Triax</p> |
| <p>418048</p>  | <p>TDX IPTV-in 4 service - Expand</p> <p>IP-in 4 IP services – Extension pack - 418048</p> <p>For additional IP-in services an IPTV-in extension pack of 4 extra licensees can be ordered.</p> <p>Brand: Triax</p> <p>Remarks: Software Licience</p> | <p>Brand: Triax</p> |
| <p>492086</p>  | <p>SFP RJ45 EOLT -C12-02</p> <p>SFP (Small Form - Factor Pluggable). It is possible to create your own bouquets of services/TV programs, available in the TDX Pool, and put them together in an IP data stream.</p> <p>Features:</p> <ul style="list-style-type: none"> Support 1000BASE-T operation in host systems with SGMII interface Up to 1.25Gbps bi-direction data links Hot-pluggable SFP footprint Fully metallic enclosure for low EMI Low power dissipation (1.05 W typical) Compact RJ-45 connector assembly 100m transmission over unshielded twisted pair (UTP) Category 5 Cable <p>Brand: Triax</p> | <p>Brand: Triax</p> |
| <p>492087</p>  | <p>SPF Fibre 850nm EOLS-8512MXX</p> <p>IP output via fibre. It is possible to create your own bouquets of services/TV programs, available in the TDX Pool, and put them together in an IP data stream. You can use fibre cable to transmit your IP stream. Fibre LC - 850 nm. Gigabit Ethernet.</p> <p>Features:</p> <ul style="list-style-type: none"> Operating data rate up to 1.25Gbps 850nm VCSEL Laser Transmitter 550m with 50/125 MMF, 300m on 62.5/125 MMF Duplex LC Connector Interface Hot Pluggable Compliant with MSA SFP Specification Digital diagnostic monitor interface Compatible with SFF-8472 <p>Brand: Triax</p> <p>Remarks: Fibre LC - 850 nm</p> | <p>Brand: Triax</p> |
| <p>492088</p>  | <p>Triax SFP Fibre 1310nm</p> <p>IP output SFP via fibre. It is possible to create your own bouquets of services/TV programs, available in the TDX Pool, and put them together in an IP data stream. You can use fibre to transmit your IP stream. Fibre LC - 1310 nm. Gigabit Ethernet.</p> <p>Features:</p> <ul style="list-style-type: none"> Operating data rate up to 1.25Gbps 1310nm VCSEL Laser Transmitter 2000m with on 62.5/125 MMF Duplex LC Connector Interface Hot Pluggable Compliant with MSA SFP Specification Compatible with SFF-8472 <p>Brand: Triax</p> <p>Remarks: Fibre LC - 1310 nm</p> | <p>Brand: Triax</p> |


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| <p>492095</p>  | <p>IPTV EPG Server</p> <p>The IPTV EPG Server provides EPG data to IP-set top boxes, IP-televisions and middleware solutions, e.g. the EPG server extracts data from DVB-S and DVB-T front end modules enabling it to populate the EPG Guides on hotel IPTV displays.</p> <p>Size: 8 x 29 x 52 mm Remarks: IPTV</p> | <p>Brand: Triax</p> |
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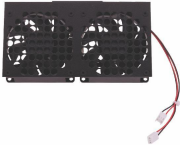
n.1.4 Parts

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| <p>300745</p>  | <p>Decoder Cable Sub-D to Phono</p> <p>Triax AV cable - 1.50 m. 15 pol D-sub connector - 3 x RCA Phono connector.</p> | <p>Brand: Triax</p> |
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| <p>490139</p>  | <p>TDX Key and Screw Kit</p> <p>Pack Containing TDX Screws and Key</p> | <p>Brand: Triax</p> |
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| <p>492000</p>  | <p>TDX Controller Module</p> <p>Replacement TDX Main Board / Control Board</p> | <p>Brand: Triax</p> |
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| <p>492005</p>  | <p>TDX Power Supply Module</p> <p>Replacement Power Syppy for TDX</p> <p>Total Weight 0,905 kg</p> | <p>Brand: Triax</p> |
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| <p>775276</p>  | <p>TDX Fan Unit</p> <p>TDX fan kit 80 x 80 x 25 mm KDE1208P</p> <p>Total Weight 0,250 kg</p> | <p>Brand: Triax</p> |
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n.2 TDH800

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692890 **Triax TDH 800 Main Cabinet**

TDH 800. Technology, that can do more. **Brand:** Triax

The cabinet is designed as one system of input and output signals, as such over 100 Digital Channels are possible, it is extremely compact and can therefore be easily installed on a wall or in a 19" rack. Whether it is related to the installation, maintenance or repair all inputs, outputs and cables can be easily installed and operated from the front of the TDH 800.

TDH 800 output amplifier can be software-adjusted within the range 85 dBμV through 93 dBμV.

Specifications

Can output Digital and Analogue at the same time: YES

Output level max. 93 dBμV (105dBμV Analogue)

Test point -20 dB

Frequency range (RF OUT) 47-862 MHz

AC Supply voltage 90-260 (50/60 HZ IEC320 1.8m cable) VAC

Power Consumption (typ.) 280 (min 20) W


Temperature - operating -10 to +50 °C

External RF OUT F-connector

PC interface RJ 45: HTML5

POOL Technology YES

Size: HDW 265 x 240 x 440 **Remarks:** Sky CAM Module Approved




TDH800CARDS **TDH800 Cards Sub Category Index**

n.2 TDH800 Cards

n.2.1 Front End Cards

n.2.2 Back End Cards

Remarks: Pages 1 of 3



n.2.1 Front End Cards


692820 **TDH 811 Frontend - DVB-S/S2 [QPSK/8PSK]**




The DVB-S/S2 frontend module is an input module for the reception of digital satellite signals in a TDH 800 headend system. The module can receive a complete transponder and all services on the chosen frequency can be transferred to the TDH 800 pool. The DVB-S/S2 frontend module includes an IF tuner with antenna loop through and a QPSK/8PSK demodulator with serial transport stream input to the TDH 800 headend system. **Brand:** Triax

Features:



- Preconfiguration from/to file through system controller module.
- Log to file/flash.
- DVB-S compliant, up to 45 MS/s.
- DVB-S2 compliant, up to 37 MS/s.
- Programmable LNB control: 0/14/18V - 0/22kHz.
- All services will be transferred to the TDH 800 pool.
- DiSEqC compliant (1.0)




Size: 32 x 132 x 50 mm





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| <p>692823</p>  | <p>TDH 813 Frontend - DVB-T/T2 [COFDM]</p> <p>The DVB-T/T2 frontend module is an input module for the reception of both T and T2 digital terrestrial signals. The module can receive a complete terrestrial MUX and send all services in the MUX to the TDH 800 pool. The DVB-T/T2 frontend module includes a tuner, with integrated gain control and channel filtering, and a COFDM demodulator with serial transport stream input to the TDH 800 system.</p> <p>Features:</p> <ul style="list-style-type: none"> Reception of HD and SD services Software downloading through TDH 800 system controller module Preconfiguration from/to file through system controller module Log to file/flash All services will be transferred to the TDH 800 pool <p>Size: 29 x 132 x 50 mm</p> | <p>Brand: Triax</p> |
| <p>692830</p>  | <p>TDH 815 HDMI Frontend</p> <p>The HDMI module converts digital audio and video signals from a set top box, a DVD player, a camera, laptop or other sources, into a MPEG data stream.</p> <p>Audio embedded: AAC, 48 kHz/MPEG-2(L1), Stereo or AC3 pass through Output Type: MPEG (Serial) transport stream (LVDS) Output Video Codec: MPEG-2, MPEG-4 Output Video Codec Settings (CBR): 3...11 Mbps</p> <p>Size: 29 x 126 x 53 mm</p> | <p>Brand: Triax</p> |
| <p>692880</p>  | <p>TDH 814 Frontend AV Encoder Module</p> <p>The AV encoder module converts analog video (CVBS) and audio signals from a set top box, a DVD player, a camera or other sources, into a MPEG2 or MPEG4 data stream. This data stream is then available in the TDH 800 pool and can be sent out on all TDH 800 output modules.</p> <p>Audio embedded: AAC, 48 kHz/MPEG-2(L1), Stereo Output Video Codec: MPEG-2, MPEG-4 Scan Resolution: 525, 625 Pixel Connector Type: 15pol Sub-D</p> <p>Size: 29 x 126 x 53 mm Remarks: Requires D-Sub Cable</p> | <p>Brand: Triax</p> |

n.2.2 Back End Cards

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| <p>692850</p>  | <p>TDH 841 Backend - PAL</p> <p>The TDH 800 quad PAL backend is an output module that enables you to distribute up to 4 services/TV programs available in the TDH 800 pool. The TV programs are chosen from the TDH 800 service tool.</p> <table border="0"> <tr><td>Output Audio S/N Ratio</td><td>50 dB</td></tr> <tr><td>Output level adjustment</td><td>+3...-17 dB</td></tr> <tr><td>Output Level System</td><td>93.0 dBµV</td></tr> <tr><td>Output Video S/N Ratio</td><td>54 dB</td></tr> <tr><td>Picture carrier stability</td><td>< ±30 kHz</td></tr> </table> <p>Size: 12 x 162 x 180 mm</p> | Output Audio S/N Ratio | 50 dB | Output level adjustment | +3...-17 dB | Output Level System | 93.0 dBµV | Output Video S/N Ratio | 54 dB | Picture carrier stability | < ±30 kHz | <p>Brand: Triax</p> <p>End of Line: <input checked="" type="checkbox"/></p> |
| Output Audio S/N Ratio | 50 dB | | | | | | | | | | | |
| Output level adjustment | +3...-17 dB | | | | | | | | | | | |
| Output Level System | 93.0 dBµV | | | | | | | | | | | |
| Output Video S/N Ratio | 54 dB | | | | | | | | | | | |
| Picture carrier stability | < ±30 kHz | | | | | | | | | | | |
| <p>692851</p>  | <p>TDH 842 Backend - PAL - 2CI</p> <p>Quad PAL backend module - with 2 x CI slots. The TDH 800 quad PAL backend is an output module that enables you to distribute up to 4 services/TV programs available in the TDH 800 pool. The TV programs are chosen from the TDH 800 service tool. The PAL output module is delivered with 2 CI slots for decryption</p> <table border="0"> <tr><td>Output Audio S/N Ratio</td><td>50 dB</td></tr> <tr><td>Output level adjustment</td><td>+3...-17 dB</td></tr> <tr><td>Output Level System</td><td>93.0 dBµV</td></tr> <tr><td>Output Video S/N Ratio</td><td>54 dB</td></tr> <tr><td>Picture carrier stability</td><td>< ±30 kHz</td></tr> </table> <p>Size: 21 x 162 x 180 mm</p> | Output Audio S/N Ratio | 50 dB | Output level adjustment | +3...-17 dB | Output Level System | 93.0 dBµV | Output Video S/N Ratio | 54 dB | Picture carrier stability | < ±30 kHz | <p>Brand: Triax</p> <p>End of Line: <input checked="" type="checkbox"/></p> |
| Output Audio S/N Ratio | 50 dB | | | | | | | | | | | |
| Output level adjustment | +3...-17 dB | | | | | | | | | | | |
| Output Level System | 93.0 dBµV | | | | | | | | | | | |
| Output Video S/N Ratio | 54 dB | | | | | | | | | | | |
| Picture carrier stability | < ±30 kHz | | | | | | | | | | | |

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| <p>692860</p>  | <p>TDH800 Backend COFDM Card no CI</p> <p>Quad COFDM backend modules - DVB-T in FTA. The TDH 800 quad COFDM backend module is an output module that enables you to create up to 4 muxes of services / TV programs which are available from the TDH 800 pool. The services are distributed in a COFDM data stream. The COFDM output modules is delivered in a free-to-air version.</p> <p>MER: 35.0 dB Output level adjustment: +3...-17 dB Output Level System: 90.0 ± 1.5 dBµV Output QAM Modes: 16QAM, 64QAM, QPSK</p> <p>Size: 17 x 162 x 182 mm</p> | <p>Brand: Triax</p> |
| <p>692861</p>  | <p>TDH 844 Backend - COFDM -2CI</p> <p>Quad COFDM backend module - with 2 x CI slots. The TDH 800 quad COFDM backend module is an output module that enables you to create up to 4 muxes of services / TV programs which are available from the TDH 800 pool. The services are distributed in a COFDM data stream.</p> <p>Carrier supported: 2K Guard Interval: 1/32, 1/16, 1/8, 1/4 MER: 35.0 dB Output level adjustment: +3...-17 dB Output Level System: 90.0 ± 1.5 dBµV Output QAM Modes: 16QAM, 64QAM, QPSK Output spectrum: Normal Spurious Signals: > 60 dB</p> <p>Size: 24 x 162 x 182 mm</p> | <p>Brand: Triax</p> |
| <p>692870</p>  | <p>TDH 847 2CI Backend</p> <p>The 2 x CI backend module enables you to take several services depending on CAM module from the IP pool, decrypt them and loop them back in decrypted form to the pool.</p> <p>Size: 24 x 162 x 185 mm</p> | <p>Brand: Triax</p> |

n.4 Cat TV

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| <p>350661</p>  | <p>NBL 0200 Cat TV Balun</p> <p>The balun (balanced - unbalanced) converts from catTV Panel transmitter via generic cabling symmetrical signal (100 ohms) to devices (eg TV and radio) coaxial signal (75 Ohm). The catTV balun is connected by patch cable to the RJ45 socket. Audio input signals via RJ 45 Reconversion of 100 Ohm in 75 Ohm Amplification of the RF signal Assignment of the signals on the outputs Skew and attenuation of max. 50 dB to compensate Plug and Play, 3 switch positions for easy adaptation to different cable lengths</p> | <p>Brand: Triax</p> |
| <p>350663</p>  | <p>CATTV Panel NPN3412</p> <p>NPN and NPO catTV panels for televisions and radios at any point in the data network without additional installation of coaxial cable. Active Transfer box for distribution of CATV signals over a generic building wiring. The panel with electric NPN input (coaxial / 75 Ohm) converts the input signal to a balanced signal (sym./100 Ohm) to it intrude on the Patch (Patch Panel) of the building wiring to the subscriber line. Super low noise push-pull technology Level control + equalizer at the input Input test jack</p> | <p>Brand: Triax</p> |

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| 947748001 | NBL 0265 Cat Tv Balun | <p>The balun (balanced - unbalanced) converts from catTV Panel transmitter via generic cabling symmetrical signal (100 ohms) to devices (eg TV and radio) coaxial signal (75 Ohm).</p> <p>The catTV balun is connected by patch cable to the RJ45 socket.</p> <p>Audio input signals via RJ 45</p> <p>Reconversion of 100 Ohm in 75 Ohm</p> <p>Amplification of the RF signal</p> <p>3 variants: without RK, RK 5-30 MHz, 5-65 MHz RK</p> <p>Skew and attenuation of max. 50 dB to compensate</p> <p>Plug and Play, 3 switch positions for easy adaptation to different cable lengths</p> | Brand: Triax |
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n.5 DRM Servers

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| 418072 | TDX SimulCrypt 24 service | <p>With SimulCrypt the TDX gets the optional capability to do DVB content protection. The embedded scrambling doesn't require any additional scrambling hardware. Connected to a CAS server the TDX allows to freely select which services should be scrambled.</p> <p>TDX SimulCrypt for one digital backend with up to 24 services. The license can be used for the following modules:</p> <ul style="list-style-type: none"> 492055 TDX Backend - QAM 492056 TDX Backend - QAM - 2CI 492072 TDX Backend - IP - 2CI 492060 TDX Backend - COFDM 492061 TDX Backend - COFDM - 2CI | Brand: Triax |
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| 418073 | TDX Samsung DRM backend license | <p>TDX Samsung DRM license</p> <p>The Samsung DRM license makes it possible to scramble IP and digital modulated services (QAM, COFDM) in the TDX with a scrambling code that Samsung hospitality TV's with integrated DRM function, can receive and de-crypt.</p> <p>This offers a cost effective solution to distribute premium content in a hotel network.</p> <p>The Samsung lynk or reach software is required to manage the scrambling, and runs on an external server.</p> | Brand: Triax |
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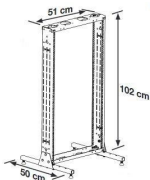


n.6 Rack Mounting


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| 251496 | Shelf for 19" Rack | <p>Shelf for 19" Rack 1.5U</p> | Brand: Triax |
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| 251513 | Triax 19" Rack | <p>Triax mounting frame TMF 512</p> <p>With the new open 19" mounting frame Triax offers you a quite new and functional mounting solution for your headend.</p> <p>Frame can be Wall Mounted - (fits between standard 600 on center studs), Floor Mounted, free standing with rollers.</p> | Brand: Triax |
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Size: 1020 x 510 x 90mm **Remarks:** Wheels sold sepatly.



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| <p>737040</p>  | <p>Bag of Screws for 19" Rack</p> <p>Cage nuts and bolts for use in 19" Racking systems.</p> | <p>Brand: Triax</p> |
| <p>Remarks: Bag of Four</p> | | |

n.8 Headend Packages

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| <p>36COFDM</p>  | <p>36 Sky Channel TDX COFDM and all services available as IPTV</p> <p>36 Sky CAM Channel headend - Will take upto 18 CAM modules, - Complete system package.</p> <ul style="list-style-type: none"> 14 Front End Input modules 5 Back End COFDM Cards with CI (20 output muxes) 3 Back End CI Only 1 Back End IP OUT CI Card 3 SFP RJ45 Modules 2 TDX Black Edition Cases 96 IP Out Licenses 1 SMNP Lisense. 1 12 Month Full SLA Agreement and 36 month warranty on hardware. - SLA agreement can be extended each year for a small charge. - This can extend warranty upto 5 years. | <p>Brand: Triax</p> |
| <p>Remarks: Complete System</p> | | |

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| <p>36COFDM3</p>  | <p>36 SKY CHANNEL TDX COFDM ONLY</p> <p>36 Sky CAM Channel headend - Will take upto 18 CAM modules, - Complet system package</p> <ul style="list-style-type: none"> 14 Front End Input modules 5 Back End COFDM Cards with CI (20 output muxes) 4 Back End CI Only 2 SFP RJ45 Modules 2 TDX Black Edition Cases 1 SMNP License. 1 12 Month Full SLA Agreement including SMNP monitoring on our servers and 36 month warranty on hardware. - SLA agreement can be extended if required each year for a small charge. - This can also extend warranty up to 5 years. | <p>Brand: Triax</p> |
| <p>Remarks: Complete System</p> | | |

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| <p>36IPTV</p>  | <p>36 Sky Channel TDX IPTV only</p> <p>36 Sky CAM Channel headend - Will take upto 18 CAM modules, - Complete IPTV system package.</p> <ul style="list-style-type: none"> 14 Front End Input modules 8 Back End CI Only 1 Back End IP OUT CI Card 3 SFP RJ45 Modules 2 TDX Black Edition Cases. 1 SMNP Lisense 76 IP Out Licenses 1 Samsung DRM 1 12 Month Full SLA Agreement and 36 month warranty on hardware. - SLA agreement can be extended each year for a small charge. This can extend warranty upto 5 years. | <p>Brand: Triax</p> |
| <p>Remarks: Complete System</p> | | |

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| <p>492782</p>  | <p>TDcH 22STC - COFDM Compact Digital Headend</p> <p>A new satellite, terrestrial and cable configuration is available with 4 DVB-S2X inputs distributed to 16 tuners, 1 DVB-T2/C input distributed to 6 tuners, 16 QAM or COFDM modulated output muxes and 8 CI slots. The TDcH compact headend is built for both wall mounting and 19 racks. Each model stands just 90mm tall and the new integrated SCR multiswitch is an additional space-saving benefit.</p> <p>Triax Next Gen Headend System.</p> <p>Size: 19" Rack mount Remarks: Complete Compac Headend.</p> <p>Brand: Triax</p> |
| <p>692884</p>  | <p>TDH800 Sky 12 Channel Pack 6xCAM Slots, 10 DVBS</p> <p>TDH800 -Special Sky HD Package, Contains: 1 X TDH800 Main Unit with pre installed cards; 10 x DVB S/S2 Cards (692820) 3 x COFDM Back END with 2xCI (692861) - 12 Output Muxes</p> <p>This System can take 6 Sky Cams straight out of the box, so it can distribute 12 Channels of Sky TV. The System can be easily upgraded to a total of 24 Sky Channels from the one Main Unit. (Extra Cards Required) By adding some extra cards (DVBT Input Cards) you can also add Freeview HD to make a complete system.</p> <p>Remarks: 2022 Updated Version</p> <p>Brand: Triax</p> |