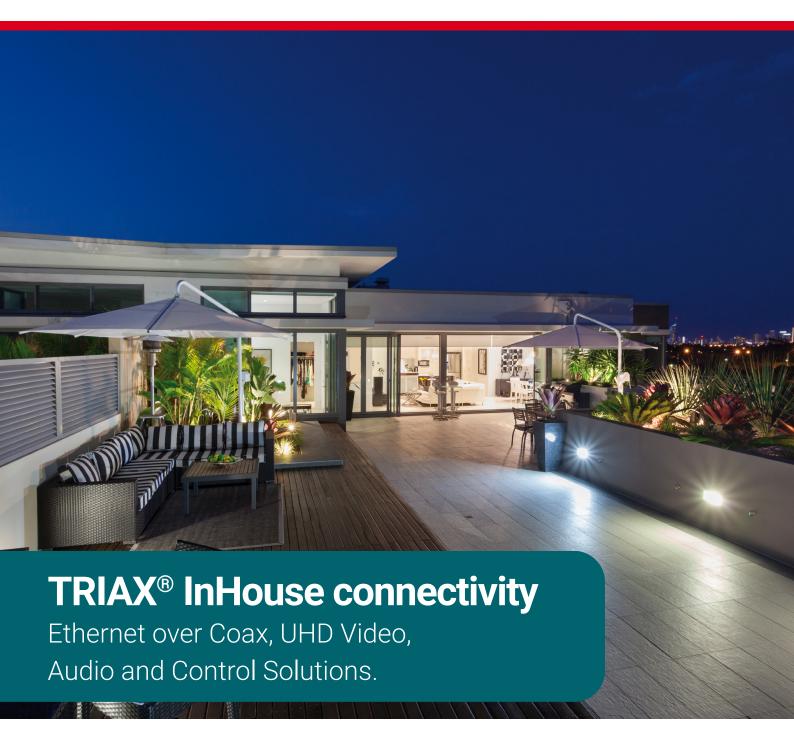


connecting the future













Reliability is our business. It's what we stand for.

For nearly 70 years, TRIAX has strived to be your preferred partner for all your connectivity needs. We're proud to provide reliable solutions for the present, while connecting our customers to the future.

At the forefront of technological trends and developments, we're with you each step of the way, from installing home connections and business critical hospitality solutions, to realising complex, large scale integrations.

Ready for any job at hand, our products are available individually or as part of tailor-made

solutions. From aerials and dishes, to headends, outlets, cables and beyond – we make connectivity easy, ensuring you live up to your own customer promises.

Rest assured that at TRIAX, reliability and innovation run through the core of everything we do, from product development to our friendly, efficient service and support.

So enjoy browsing through this catalogue for an overview of our full product range. And of course, we're always just a phone call away for more inspiration towards your next solution.

Contact TRIAX

To place an order or consult one of our experts, contact us via:

Phone: +45 76 82 22 00 e-mail: triax@triax.com

Or pay us a visit online at www.triax.com, where you'll find a wealth of further material about our products and solutions.

TRIAX® InHouse connectivity

Ethernet over Coax, UHD Video, Audio, Control Solutions

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TRIAX® Excellent Wi-Fi coverage

Using existing coax installations



TRIAX Ethernet over Coax solution

is the straightforward way of using existing coax networks to transport data signals and distribute over a reliable Wi-Fi connection.

No changes to the coax installation are required, while TV signals are not affected.

A controller is set up centrally or at points throughout the coax installation. End points can be set up in each room or each second room to maximise Wi-Fi coverage.

Hotelier benefits

- Better Wi-Fi coverage
- Save costs by reusing existing cables
- Easy installation means no room downtime
- Less maintenance

Installer benefits

- Competitive pricing for total installation
- Flexible and reliable network
- Easy installation
- Cloud configuration and monitoring



Art. No. 383101

EAN Number 5702663831018



End-Point EoC/Wi-Fi AC1300, Pro

Art. No. 383200

EAN Number 5702663832008



Art. No. 383103

EAN Number 5702663831032



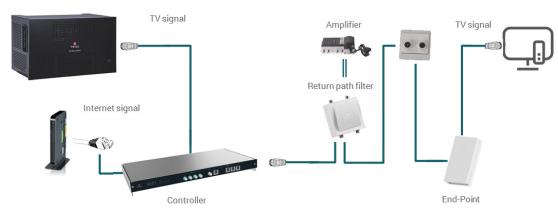
5-200 MHz return path filter

Art. No. 383900

EAN Number 5702663839007

TRIAX® Ethernet over Coax

Superfast, reliable broadband around the hotel.



Туре:	Controller for 32/64 Ethernet over Coax End-Points and Wi-Fi, Pro
Art. No.	383101/383103
Standards	G.hn wave 2 controller support ITU-T G.9960, ITU-T G.9963 (G.hn PHY), ITU-T G.9961 and G.9962 (MAC and DLL) specifications.
Bandwidth	Up to 1,600 Mbit/s (shared with other end-points on the same coax cable)
Internet/IP operating	
frequency	2-200 Mhz.
TRAFFIC MANAGEMENT	
VLAN	Portbased 802.1Q
Client isolation (guestmode)	Per SSID/VLAN
NETWORKING INTERFACE	
Ethernet port	4x 10/100/1000 (3 for switching, 1 for stacking/management)
G.hn out	2 or 4x 1,600 Mbit/s (supports up to 16 end- points per connector)
CONNECTORS	
Connector Type - TV-in	1 F-connector
Connector Type - G.hn out	2 or 4 F-connector
REMARKS	
Wi-Fi controller	
Supports VLAN tagging up to	o 4,096 VLAN ID's
Co-existance with FM band of in the 2-200 Mhz range.	

Type:	End-Point with Wi-Fi and Ethernet over Coax, AC, Pro
Art. No.	383200
Standards	G.hn wave 2 end-point Support ITU-T G.9960 and ITU-T G.9963 (G.hn PHY), ITU-T G.9961 and G.9962 (MAC and DLL) specifications.
Bandwidth	Up to 1,600 Mbit/s (shared with other end-points on the same coax cable)
Internet/IP operating	
frequency	2-200 Mhz.
WiFi types	WiFi 802.11ac wave 2 (802.11b/g/n 2.4GHz, 802.11a/n/ac 5GHz)
Antennas:	2.4 GHz and 5 GHz, Dual internal
Wireless security	WPA, WPA-2 with AES and TKIP, EAP authentication
Date rates 802.11ac	867 Mbit/s
Date rates 802.11n	300 Mbit/s
Managed access point	
TRAFFIC MANAGEMENT	
VLAN	Portbased 802.1Q
Client isolation (guestmode)	Per SSID/VLAN
NETWORKING INTERFACE	
Ethernet port	1x 10/100/1000
CONNECTORS	
Connector Type - G.hn out	1x 1,600 Mbit/s F-con.
Connector Type - TV-out	1x F-connector

TRIAX® Internet over TV cables

The smart choice for home entertainment networks



Using the latest MoCA® 2.0 (Multimedia over Coax Alliance) technology.

As the demand for home entertainment grows ever higher, customers have an insatiable appetite for faster and more reliable internet around the house.

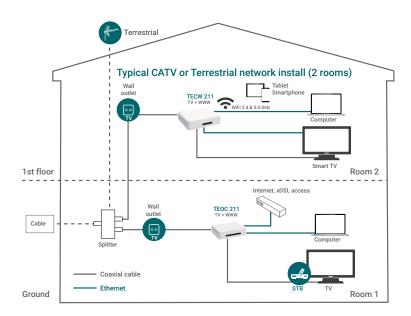
Whether they're streaming a 4K movie in the living room, catching up with the latest episode on a phone, online gaming in the bedroom – or all of these at once – they want data to be delivered to every corner of the house with minimal interference.

What they may not be aware of is the extent to which their traditional Wi-Fi setup can cause data bottlenecks within

the household, as single routers struggle to cope with the demands of multiple devices.

With our new range of MoCA® 2.0 Ethernet over Coax adapters, you can use existing home coaxial networks to deliver a fast, reliable data signal from every TV access point in the household.

Far more reliable than a single Wi-Fi access point or internet over power cables, it's the most effective way to deliver a home network solution that keeps you and your customers happy.

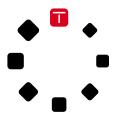


MoCA® 2.0 compliant

Compatible with TV coax cable carrying terrestrial signals only (DTT or CATV). Cannot be used with satellite TV systems or any connection where Satellite and Terrestrial TV are combined on the same cable. Broadband speed and performance around the home is dependent on incoming speeds from the broadband provider at a particular location.

Network adapters for coaxial cable

Superfast, reliable broadband around the home.



Improve your existing network.



Make your home network faster and better.



Fix your wireless dead zones

Benefits for you:

No new cables required

Create a high-speed data network using existing TV coax cabling.

Stay connected

Wired connections are now possible around the entire home from up to 16 access points, ensuring maximum speed and reliability for each connected device. Dedicated wireless access points in each room are also now possible with our wireless model.

Immune from interference

Coaxial cables are shielded and therefore unaffected by other devices around the home, unlike an internet over power cable solution.

■ Simple to install with Plug and Play technology

Simply connect a device to our adapter with an Ethernet cable wherever a broadband connection is required. On our Wi-Fi model, Wi-Fi settings are a breeze thanks to our bespoke Triax configuration tool.

Create additional revenue streams

Quickly and easily improve the home entertainment and networking experience for your customers, who are sure to value reliable and high speed data and video streaming throughout the house.

Benefits for your customer:

■ Maximise your devices' potential

Many manufacturers of home entertainment products recommend wired internet connections for optimal speed and connectivity – our adapters provide this in all rooms of the house with a TV outlet.

Reduce buffering

Faster downloads, streaming and content sharing to other devices on the home network (minimum 400 Mbps, up to 600Mbps)

Improve Wi-Fi coverage

Eliminate dead spots where wired connectivity isn't possible or existing routers fail to reach. Our dual band Wi-Fi adapter supports 802.11 a/b/g/n/ac

Smoother online gaming

Fast and stable connection with lower latency creates a more immersive experience for gamers, with smoother gameplay and faster response times.





TRIAX® TEOC 211 & TECW 211

The smart choice for home entertainment networks

















Features and benefits

The TEOC 211 and TECW 211 are a multi-purpose Network adaptor for coaxial cable bridge device. It can be used in a number of different ways to deliver Gigabit Ethernet connection via an existing coaxial (TV aerial or cable TV) connection.

The TECW 211 also offers WiFi dual band 2.4 and 5GHz in order to improve your local WLAN Wi-Fi coverage in your home installation.

It can be used as either a sender or receiver but it will need to be used with at least one other TRIAX Ethernet over Coax compatible device.

Both devices delivering superfast, reliable broadband around the home using existing TV connections. Using the latest MoCA® 2.0 (Multimedia over Coax Alliance) technology, to satisfy the most data-hungry households.

TEOC 211 Network adapter for Coax



Art. No. 310401 EAN Number 5702663104013



Art.

TECW 211 Network adapter for Coax with WiFi

Art. No. 310411 EAN Number 5702663104112











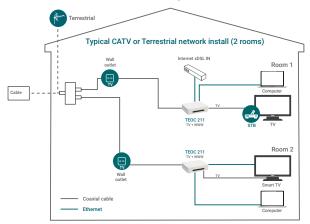
Art. No. 310400 EAN Number 5702663104006

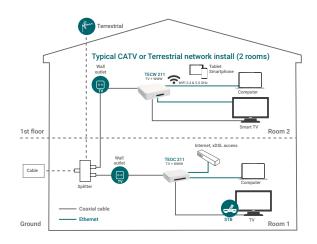


Network adapters for coaxial cable

Superfast, reliable broadband around the home.

TEOC 211 + TECW example





Type: Art. No.	TEOC 211 Network adapter for Coax 310401	TECW 211Network adapter for Coax with WiFi 310411	TEOC 110 Network adapter for Coax 310400
FREQUENCY	310401	310411	310400
· · · · · · · · · · · · · · · · · · ·	MacAranga	115 16015	
Frequency range	MoCA range : 1.151.6GHz DVB-T/C range : 51002MHz		
Frequency range High pass	11251675MHz	11251525MHz	1125-1525MHz
Low pass	51002MHz	51002MHz	5-1002MHz
Network Center	11501600MHz	11501600MHz	1150-1500MHz
LOSS	1 1001000W112	11001000141112	1100 1000101112
High pass - Insertion loss	< 5dB	< 5dB	Max. 3dB
Low pass - Insertion loss	< 5dB	< 5dB	Max. 2dB
RETÜRN LOSS			
High pass - Return loss	Min. 8dB	Min. 8dB	Min. 10dB
Low pass - Return loss	Min. 8dB	Min.8dB	Min. 10dB
ELEĊTRICAL			
Impedance	75Ω	75Ω	75Ω
OPERATIONAL			
Certification	EMC/LVD, WEEE	EMC/LVD, WEEE	EMC/LVD, WEEE
DC Operating voltage	5VDC	12VDC	5VDC
External PSU	Included	Included	Included
Standard	MoCA® 2.0, 1.1	MoCA® 2.0, 1.1	Entropic, EN2510,
	and 1.0 compliant	and 1.0 compliant	MoCA® 1.1 compliant
AC Supply voltage	100240 /5060hzVAC	100240 /5060hzVAC	100240 /5060hzVAC
Power Consumption (typ.)	3.5W	13.2W	<4W
DC Current consumption (TYP)			2.0A
CONNECTORS			
Connector Type	F-female (IEC 60 169-24)	F-female (IEC 60 169-24)	F-female (IEC 60 169-24)
MECHANICAL			
Colour	White	White	White
Product Depth	30mm	35mm	28 mm
Product Height	101mm	142mm	80 mm
Product Width	122mm	155mm	125mm
Main Material	Plastic 1	Plastic	Plastic
Packing QTY	I 0.2kg	1 0.3kg	0.2kg
Weight (kg) Remarks	U.ZKU		U.ZKY
Remarks 2 Ethernet ports 10/100/1000 Mbps LED ON/OFF switch.			
	To devices max. or	the same network	

TRIAX® Sat>IP Server

Satellite TV for Smartphones, Tablets and other Devices













Features and benefits

The SAT>IP products from Triax make it possible to distribute satellite TV over cable connected (LAN,Power LAN) or cableless networks (WLAN). SAT>IP-compatible units such as TV sets, receivers, PCs, smartphones, tablets and other mobile units can be provided with all available free TV and radio programmes.

Thanks to the web-based configurator the products are easily set up and controlled.

Benefits

- SAT-distribution via cable connected and cableless networks
- Digital picture and audio quality even in high-resolution HD-format
- Converts SAT into IPTV signals
- All digital additional options such as EPG, recording function and time shift can be used in the unit*
- Live uncompressed SAT TV

Easy set-up

- Supports different types of LNB
- Easy installation and control with the web-based configurator
- Can be used with compatible SAT>IP units
- Software update Online (via FTP) or via Web-configurator
- Compatible with 100/1.000-Megabit networks

SAT>IP compatible devices

- Up to 4 units can access different TV programs at the same time
- Compatible with all SAT > IP compatible units such as: SAT>IP receiver, Tablets and smartphones, PCs and laptops, Video game consoles

TSS 400 SAT>IP Converter



Art. No. 310101 EAN Number 5702663101012



Connections

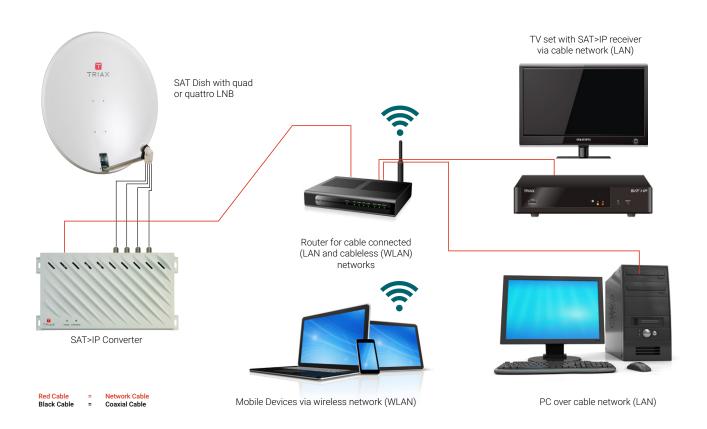


- 1 F-connectors for LNB input
- 4 On/off switch and power supply
- 2 Network interface
- Reset button

^{* -} need the righ App. to provided the unit supports the function

TRIAX® TSS 400

Converts SAT-IF signals to IPTV signals



Type: Art. No.	TSS 400 Mk. IISAT>IP Converter 310101		
CHARACTERISTICS			
Tuner	DVB-S DVB-S2 (HDTV)		
Number of tuners (different units)	4		
Supported LNBs	Quad, Quattro, Unicable LNB Optical Quad or Quattro reconverter		
Plug & Play	Yes		
Unicable capable	Yes		
OPERATIONAL			
Updates via Web configurator	Yes		
Supported protocols	SAT>IP Protocoll Version 1.1 Unicast via HTTP 1.0/1.1 Multicast via UDP/RTP		
ELECTRICAL			
Impedance	75Ω		
CONNECTORS			
Connector Type MECHANICAL	4x F-female, Ethernet 100/1000 MBit/s		
Colour	White		
Product Dimension W x H x D	250 x 126 x 35mm		
Packing QTY	11		
Weight (kg)	0.75kg		
Box contains	Converter Power Supply Quick Start Guide		





Contact

triax.com / contact

TRIAX is a global supplier of reliable, innovative products and solutions for the reception and distribution of video, audio and data signals.

Our Products are used in homes, businesses and operator networks by broadcasters, satellite, cable and telecom operators.

Our Solutions combine our hardware and software expertise to deliver value to hospitality and related markets, through a partner network of system integrators, large installers and operators.

TRIAX's headquarters, production and R&D base is in Denmark. With 9 international sales subsidiaries we operate in more than 60 distributor countries. The TRIAX team consists of 300 employees and is owned by Polaris Private Equity.

See www.triax.com for further info.

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