



# TRIAX

connecting the future



## Excellent WiFi coverage

Using existing coax installations

The TRIAX Ethernet over Coax solution is the straightforward way of using existing coax networks to transport data signals and distribute over a reliable WiFi 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 WiFi coverage.

### Hotelier benefits

- Better WiFi 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

[triax.com](https://www.triax.com)



# TRIAX



### Controller for 32/64 Ethernet over Coax End-Points and WiFi, Pro

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 of up to 1,600 Mbit/s (shared with other end-points on the same coax cable)	
Internet/IP operating frequency	1-200 Mhz.
<b>Traffic Management</b>	
VLAN	802.1Q
Fairness	Possible
Client isolation	Possible
<b>Networking interface</b>	
4x 10/100/1000 ethernet port (3 for switching, 1 for stacking)	
2 or 4x 1,600 Mbit/s F-connector for G.hn out (supports up to 16 end-points per connector)	
1x F-connector for TV in	
<b>Other</b>	
Wi-Fi controller	
Supports VLAN tagging up to 4,096 VLAN ID's	
Co-existence with FM band or other devices operating in the 0-200 Mhz range.	

### End-Point with WiFi and Ethernet over Coax, AC, Pro

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 of up to 1,600 Mbit/s (shared with other end-points on the same coax cable)	
Internet/IP operating frequency	1-200 Mhz.
<b>WiFi 802.11ac wave 2 (802.11b/g/n 2.4GHz, 802.11a/n/ac 5GHz)</b>	
Maximum TX power	
2.4 GHz	20 dBm
5.0 GHz	20 dBm
Antennas: 2 x Single-Band Antenna, Dual-Polarity, 2.4 GHz and 5 GHz	
Wireless security WPA, WPA-2 with AES and TKIP, EAP authentication	
Date rates	
802.11ac	867 Mbit/s
802.11n	300 Mbit/s
Managed access point	
<b>Traffic Management</b>	
VLAN	802.1Q
Fairness	Possible
Client isolation	Possible
<b>Networking interface</b>	
1x 10/100/1000 LAN ethernet port	
1x 1,600 Mbit/s F-connector for G.hn in	
1x F-connector for TV out	

Headquartered in Denmark, TRIAX is an international supplier of innovative, high-tech solutions for the reception and distribution of video, audio and data signals. The company's products and solutions are used by broadcasters, cable operators, local closed networks and domestic dwelling. Triax has 9 sales subsidiaries generating a turnover of approx. €90M and operates in more than 60 distributor countries. The TRIAX team consists of 350 employees and is owned Polaris Private Equity.