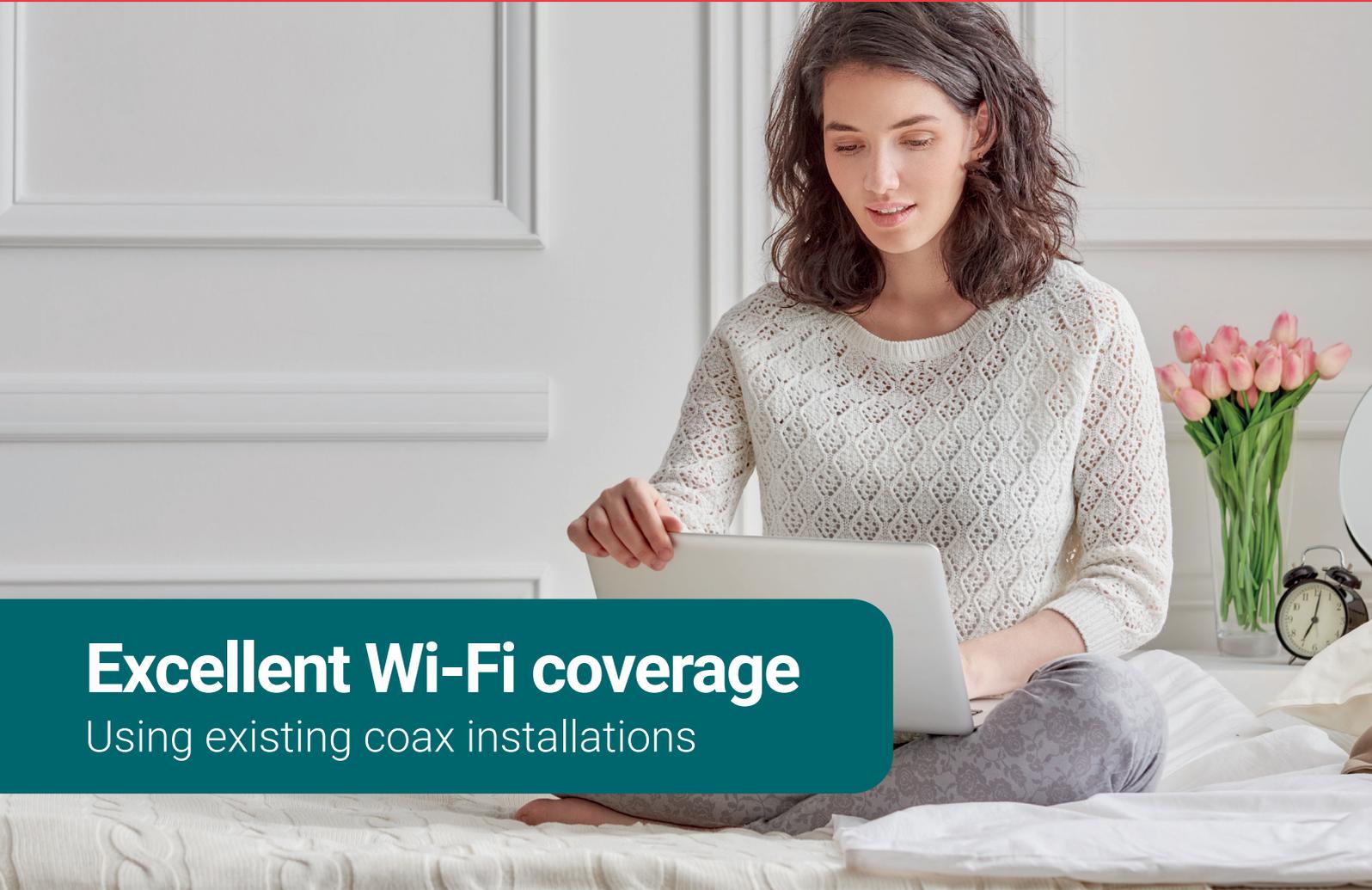




TRIAX

connecting the future



Excellent Wi-Fi 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 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

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



TRIAX



Controller for 32/64 Ethernet over Coax End-Points and Wi-Fi, 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.

Traffic Management

VLAN 802.1Q

Fairness Possible

Client isolation Possible

Networking interface

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

Other

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 Wi-Fi 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.

WiFi 802.11ac wave 2 (802.11b/g/n 2.4GHz, 802.11a/n/ac 5GHz)

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

Traffic Management

VLAN 802.1Q

Fairness Possible

Client isolation Possible

Networking interface

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.

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