

Ethernet over Coax Master-Endpoint – building digitization at 1800 Mbps

- EoC master or dual master for up to 16 or 32 endpoints
- Endpoints with or without WiFi
- ✓ Data transmission range 5 ... 204 MHz
- ✓ Net data rate 1800 Mbps (PHY)
- ✓ 128 bit AES encryption
- ✓ Data transfer of the endpoints only with the master.
- Configuration of the entire network from the master
- ✓ Complex networks possible (VLAN, multiple WiFi, etc.)
- ✓ Ideal for Internet coverage in apartment buildings, hotels and senior residences /student housing complexes

The EOC master is connected to the Internet via Gigabit Ethernet. Using the G.hn standard, the EoC devices set up an encrypted Ethernet-over-Coax network via the coaxial cable of the TV cabling (TV and radio are of course still transmitted).

The EOC 30-xx use the frequency from 5 to 204 MHz and achieve a net data rate of 1800 Mbps* (PHY) due to the bandwidth. This is possible without any problems in a SAT or Terrestrial reception system.

Each endpoint has 2 Gigabit Ethernet ports. You can connect common network devices such as a PC, smart TV, game console or streaming box to these, or switches for even more connections. WiFi is also available at the EOC 30-02 endpoints to connect smartphones, tablets and notebooks wirelessly.

All settings (including those of the WiFi) are made at the master. The highest possible security is achieved for the users through security-oriented administration with encryption of the signals and access protection.

The example shows hotel rooms with endpoints and smart TVs connected to them as well as WiFi and, below, the master with Internet access.

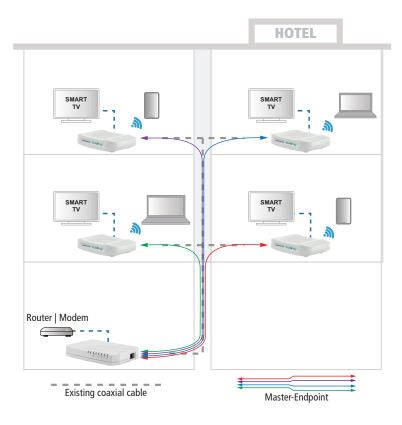


Available devices:

EOC03001 | Ethernet over Coax | Master for 16 Endpoints | 1800 Mbps EOC03021 | Ethernet over Coax | Dual-Master for 32 Endpoints | 1800 Mbps EOC03002 | Ethernet over Coax | Endpoint | WiFi EOC03003 | Ethernet over Coax | Endpoint

Accessories:

TZU04005 | RF- and EoC inserter TZU019068X | High-pass filter | return path blocker TZU019864 | EoC low-pass filter 5 ... 65 MHz





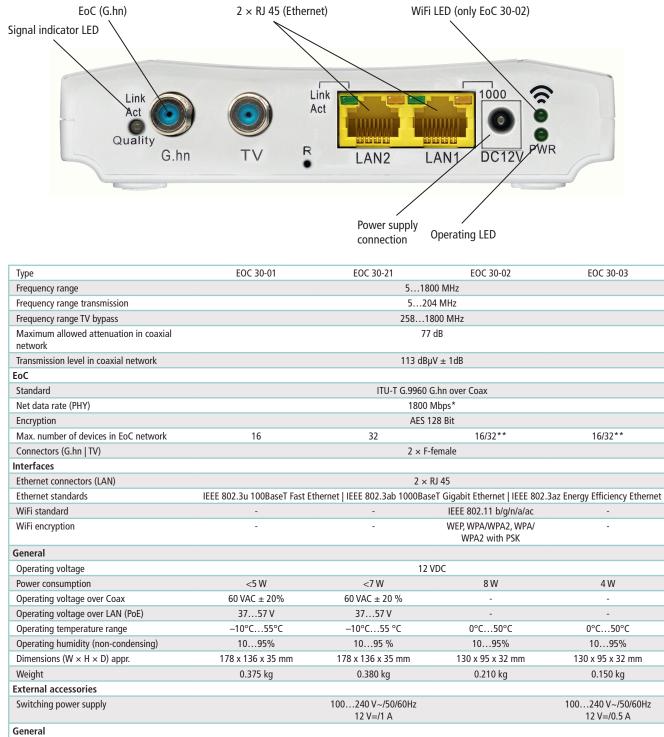
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Page 1 of 2 | AXING-Flyer_EoC-30-xx_EN | Technical improvements, changes in design, printing- and other errors reserved. | 2023-09-06



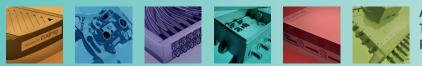
Rear side of the Endpoints



Comments

* The data rate indicates the data throughput between the EoC devices. For technical reasons, a maximum of 1000 Mbps is available at each Ethernet interface.

** depending on the EoC Master



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