

## EOC 30-21 Ethernet over Coax | Dual-Master | 1800 Mbps



- ✓ Feeding IP signals into existing coax cable networks for max. 32 Endpoints
- ✓ Data transmission range 5...204 MHz
- ✓ Net data rate 1800 Mbps (PHY)
- ✓ 128 bit-AES-Encryption
- ✓ Web interface for configuration
- ✓ 2 x RJ 45 Connectors for internet modem and configuration
- ✓ Incl. external switching power supply

### Order information

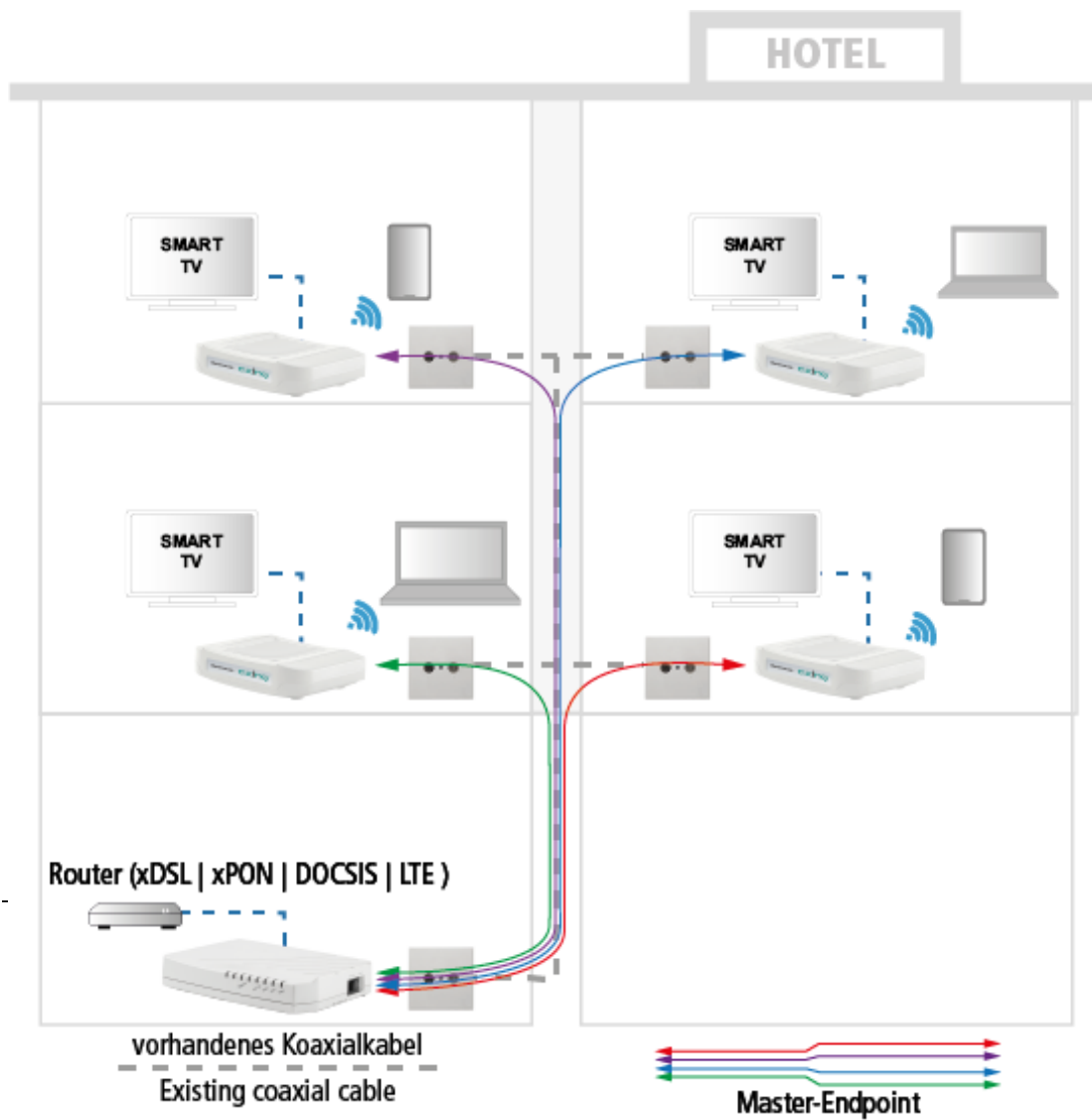
|                          |               |
|--------------------------|---------------|
| Type                     | EOC 30-21     |
| Order no.                | EOC03021      |
| GTIN                     | 7611682008104 |
| PE                       | 1             |
| VE                       | 1             |
| EU customs tariff number | 85176200      |



### Technical data

|  |   |
|--|---|
| Frequency range                                | 5...1800 MHz  |
| Frequency range transmission                   | 5...204 MHz   |
| Frequency range TV bypass                      | 258...1800 MHz  |
| Maximum allowed attenuation in coaxial network | 77 dB   |
| Transmission level in coaxial network          | 109 dBμV ± 1dB  |
| <b>EoC</b>                                     |   |
| Standard                                       | ITU-T G.9960 G.hn over Coax   |
| Net data rate (PHY)                            | 1800 Mbps*  |
| Encryption                                     | AES 128 Bit   |
| Max. number of devices in EoC network          | 32  |
| Connectors (G.hn   TV)                         | 2 x F-female  |
| <b>Interfaces</b>                              |   |
| Ethernet connectors (LAN)                      | 2 x RJ 45   |
| Ethernet standards                             | IEEE 802.3u 100BaseT Fast Ethernet<br>IEEE 802.3ab 1000BaseT Gigabit Ethernet<br>IEEE 802.3az Energy Efficiency Ethernet                                      |
| <b>General</b>                                 |   |
| Operating voltage                              | 12 VDC  |
| Power consumption                              | <7 W  |
| Operating voltage over Coax                    | 60 VAC ± 20%  |
| Operating voltage over LAN (PoE)               | 37...57 V   |
| Operating temperature range                    | -10 °C ... 55 °C  |
| Operating humidity (non-condensing)            | 10...95 %   |
| Dimensions (W x H x D) appr.                   | 178 x 136 x 35 mm   |
| Weight   | 0.380 kg  |
| <b>External accessories</b>                    |   |
| Switching power supply                         | 100...240 V~/50/60Hz   12 V=1 A   |
| <b>General</b>                                 |   |
| 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. |

## Example of use



## Suitable products

- [EOC 30-02 Ethernet over Coax | Endpoint | WiFi](#)
- [EOC 30-03 Ethernet over Coax | Endpoint](#)
- [TZU 19-68X High-pass filter | return path blocker | 5...204 MHz](#)
- [TZU 40-05 RF and EoC inserter](#)
- [BZU 30-204 Passive return channel bypass 5 ... 204 MHz](#)
- [TZU 198-64 EoC low-pass filter 5 ... 65 MHz | F](#)