

EOC 30-02 Ethernet over Coax | Endpoint | WiFi



- ✓ Connects WiFi and Ethernet devices over established coaxial cable to the EoC 30-01/-21 Master
- ✓ Data transmission range 5...204 MHz
- ✓ Net data rate 1800 Mbps (PHY)
- ✓ WiFi access point for tablet, smartphone, notebook (2,4/5 GHz band)
- ✓ 2 x RJ 45 connectors for PC/Notebook
- ✓ Incl. external switching power supply

Order information

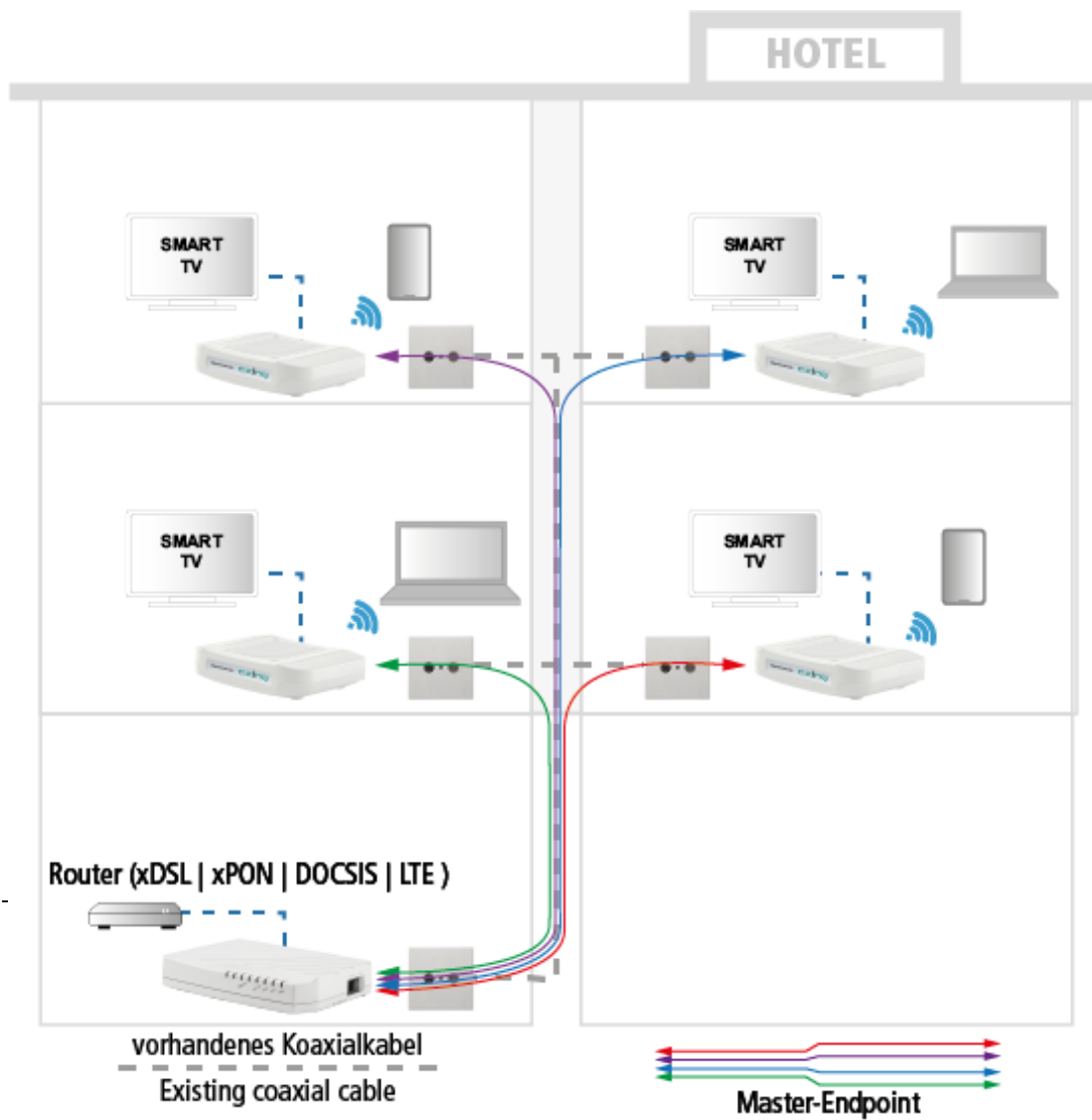
Type	EOC 30-02
Order no.	EOC03002
GTIN	7611682008081
PE	1
VE	1
EU customs tariff number	85176200



Technical data

Frequency range	5...204 MHz
Maximum allowed attenuation in coaxial network	77 dB
Transmission level in coaxial network	113 dBµV ± 1dB
Data over Coax	
Standard	ITU-T G.9960 G.hn over Coax
Net data rate (PHY)	1800 Mbps*
Encryption	AES 128 Bit
Max. number of devices in coax network	16/32**
Connectors	2 x F-female
Interfaces	
Ethernet connectors	2 x RJ 45
Ethernet standards	IEEE 802.3u 100BaseT Fast Ethernet IEEE 802.3ab 1000BaseT Gigabit Ethernet IEEE 802.3az Energy Efficiency Ethernet
WiFi standard	IEEE 802.11ac wave 2 (MU-MIMO)
WiFi encryption	WEP, WPA/WPA2, WPA/WPA2 with PSK
WiFi frequency range	2400 ... 2484 MHz @ 2.4 GHz 5150 ... 5350 MHz 5470 ... 5725 MHz @ 5 GHz
Max. transmitted power	20 dBm (EIRP) @ 2400 ... 2484 MHz 23 dBm (EIRP) @ 5150 ... 5350 MHz 30 dBm (EIRP) @ 5470 ... 5725 MHz
General	
Operating temperature range	0° C ... 50 °C
Operating humidity (non-condensing)	10...95%
Operating voltage	12 VDC
Power consumption	8 W
Dimensions (W x H x D) appr.	130 x 95 x 32 mm
Weight	0.210 kg
External accessories	
Switching power supply	100...240 V~/50/60Hz 12 V=1 A
General	
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

Example of use



Suitable products

- [EOC 30-01 Ethernet over Coax | Master | 1800 Mbps](#)
- [EOC 30-21 Ethernet over Coax | Dual-Master | 1800 Mbps](#)
- [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](#)