

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

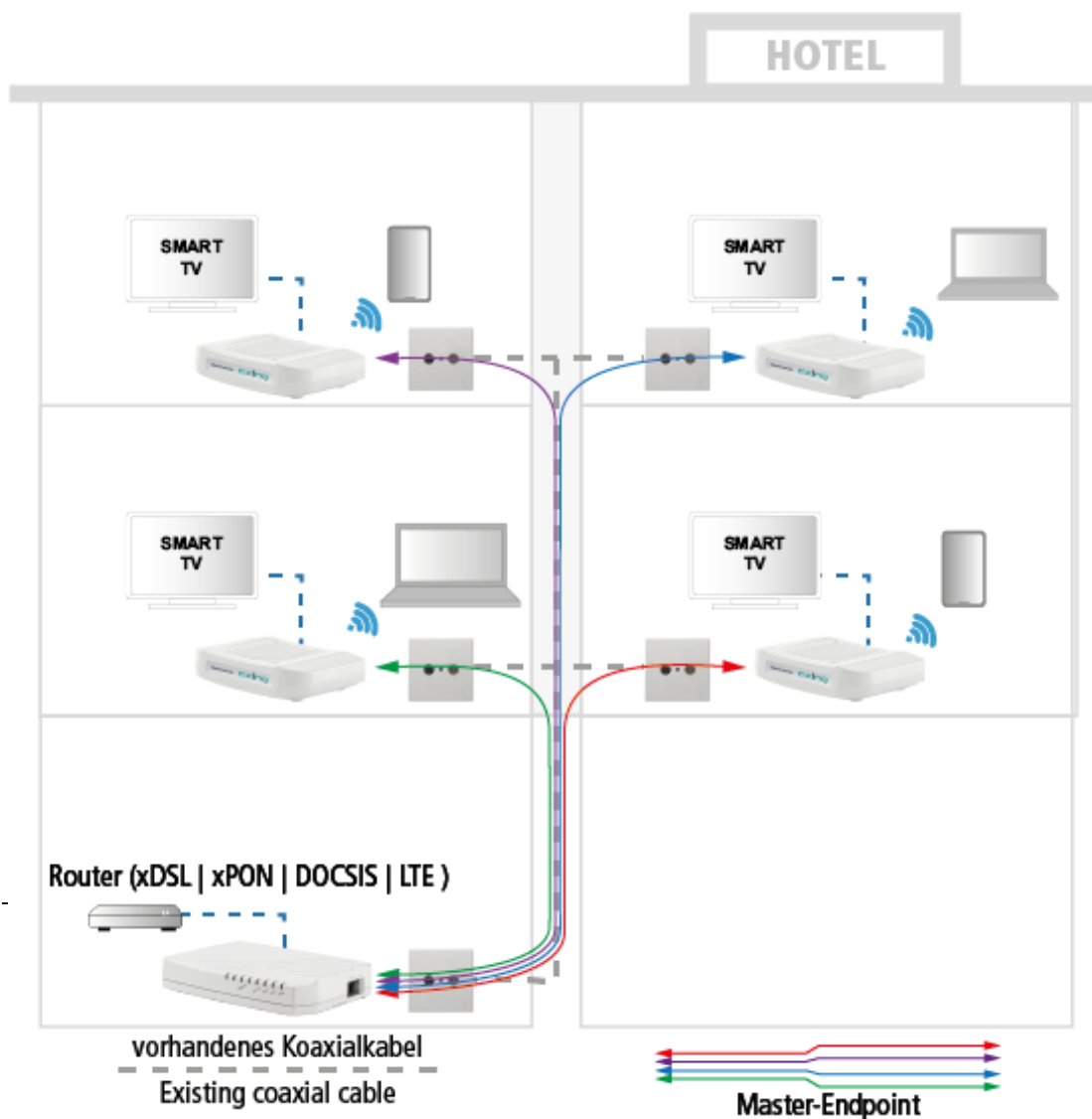
Type	EOC 30-02
Order no.	EOC03002
GTIN	7611682008081
PE	1
VE	1
EU customs tariff number	85176200



Technical data

Frequency range	5...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	113 dB μ V \pm 1dB
EoC	
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	16/32**
Connectors (G.hn TV)	2 x F-female
Interfaces	
Ethernet connectors (LAN)	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 802.11 b/g/n/a/ac
WiFi encryption	WEP, WPA/WPA2, WPA/WPA2 with PSK
WiFi frequency range @ 2.4 GHz	2400 ... 2484 MHz
WiFi frequency range @ 5 GHz	5150 ... 5350 MHz 5470 ... 5725 MHz
Max. transmitted power @ 2400 ... 2484 MHz	20 dBm (EIRP)
Max. transmitted power @ 5150 ... 5350 MHz	23 dBm (EIRP)
Max. transmitted power @ 5470 ... 5725 MHz	30 dBm (EIRP)
General	
Operating voltage	12 VDC
Power consumption	8 W
Operating temperature range	0° C ... 50 °C
Operating humidity (non-condensing)	10...95%
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](#)