U. EOC-Data-WiFi

DATA - WiFi

Data - WiFi Solutions Category Index

Remarks: Page 1 of 9

u.1 Commercial Triax

383104

EoC Controller 32/2 B - With WiFi Software included

The EoC controller is used as the main unit to control up to 32 endpoints in an EoC system. The controller acts as both an L2 switch for ethernet and as a media converter from ethernet to coax and back to ethernet, allowing both TV and data signals to use the same coax cable. Provided that G.hn and TV signals are controlled within the frequency ranges mentioned below.

Main features:
G.hn for data on 1...200 MHz
TV on 300...862 MHz
4x ethernet port
Combining up to 32 EP's on same COAX
2x coax EoC out ports, supports port bundling
1x coax TV in port
Supports VLAN tagging
Status LED's + reset button on front

WIFI License Key Preloaded

Brand: Triax

Size: 45x220x430 mm **Remarks:** Verison 2 32 Way

383105

Eoc Controller 64/4 B , With WiFi Software included

The EoC controller (V2) is used as the main unit to control up to 70 (mix of EPE & EPC) endpoints in an EoC system The controller acts as both an L2 switch for ethernet and as a media converter from ethernet to coax and back to ethernet, allowing both TV and data signals to use the same coax cable.
Main features:
G.hn for data on 1-200 MHz
TV on 300-862 MHz
4x ethernet port
4x coax EoC out ports
1x coax TV in port
Supports VLAN tagging
Supports coax stacking features- 64 EPC can be connected to total combined coax outputs sharing 1.6Gbs over 1 coax trunk.

Project pricing available.

Brand: Triax
Bulk Qty Available: ☑
End of Line: ☑

Remarks: Version 2 64 Way

UPC 5702663831056

383200 End Point Coax (EPC), WiFi/EoC, AC

EoC pro End Point (EPC)
The EoC endpoint with WiFi enables WiFi coverage via coax cables. The endpoint is the last element in a system with an EoC controller, splitting your TV and data signals into WiFi/ethernet for data and coax for TV.
Main features

G.hn for data on 1-200 MHz
TV on 300-862 MHz
WiFi 802.11ac wave 2
1x ethernet port
Supports VLAN tagging

Bulk QTY Project pricing available

Size: 3,7 x 11,9 x 18,5 mm **Remarks:** Wall Mount - Project / Bulk pricing available

Brand: Triax
Bulk Qty Available: ☑
QTY'S 10+,30+

383230 Ethernet WiFi Endpoint with PoE (EPE)

The Ethernet WiFi Endpoint (EPE) with dual band concurrent Wi-Fi, is used in conjunction with the Triax Ethernet over Coax Controller (EoC) and is intended to provide Wi-Fi access in rooms without Coax cables. This is often the case for rooms such as conference rooms, corridors, lobbies, bars, etc.

The PoE Access Point is powered via Ethernet (PoE) to make the installation easy and independent of a power outlet. This will require the installation of a e PoE+ compliant Ethernet switch connected to the EoC Controller.

The PoE Access Point also has a PoE output (passthrough) to supply power to other PoE devices. This could be a 2nd PoE Access Point, an IP phone, a Camera or other devices in the same room.
If the PoE output is not used, the AP can be switched to power save mode to accept a reduced PoE input power.

Main features
2,4 GHZ Wi-Fi - 802.11b/g/n MIMO
5 GHz Wi-Fi - 802.11ac MU-MIMO
2x Ethernet port
PoE input: PoE-in 802.3af / PoE+in 802.3at
PoE output: PoE-out 802.3af
VLAN support
Layer 2 Isolation

Bulk QTY Project pricing available

Size: 3,7 x 11,9 x 18,5 mm **Remarks:** Excludes PSU - Required 14V Supply

Brand: Triax
Bulk Qty Available: ☑
QTY'S 10+,30+

383235 EoC MediaConverter MC1

EoC MediaConverter - COAX to 1Gbps IP network

Watch IPTV services through the new TRIAX EoC MediaConverter
Installation cost is kept to a minimum as existing cables can be reused to add reliable
1Gbps IP network services.
Small footprint, and easy to mount behind TV set.
Powered by the TV set.
Very easy cabling to all major brands of TV sets.

Bulk QTY Rate Available for Project Pricing

Requires USB C Cable - Not Supplied.

Size: 20x80x80mm **Remarks:** EPC - Gigabit

Brand: Triax
Bulk Qty Available: ☑
QTY'S 10+,30+

383260 EoC Network Analyser Kit

EoC Network Analyser Kit

Size: 110x390x300 mm

Brand: Triax

UPC 5702663832602

383600 WiFi License Key for EoC Controllers

License to provide WiFi Support on EoC Controllers not including WIFI license Key
Allows system to use EPC and EPE endpoints.

Remarks: Needed to support wifi on EoC

Brand: Triax

383801 EPE - 14V PSU for Eoc System

PSU for EPE - Ethernet only endpoints, Supports the POE function of the Ethernet WiFi points

Brand: Triax

383900 5-200 MHz EoC return path filter

The return path filter is used to bypass amplifiers in a normal coax based TV network on the data frequency of EoC. This allows the data to have a return path and the TV signal to be amplified.

Return path 1...200 MHz – no amplification
To amplifier 300...862 MHz

Brand: Triax

UPC 5702663839007

383901 EoC HP Filter 258MHz F

EoC HP Filter 258MHz F
Filter is used to stop low band frequencies, interfering with the EoC datastream.
Highpass filter allows frequencies between 258...2400Mhz to pass.

Brand: Triax

UPC 5702663839014

u.2 Commercial Axing

EOC03001 EOC Master Controller for upto 16 Endpoints 1800Mbps Professional

Feeding IP signals into existing coax cable networks for max. 16 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
Standard ITU-T G.9960 G.hn over Coax
EEE 802.3u 100BaseT Fast Ethernet
IEEE 802.3ab 1000BaseT Gigabit Ethernet
IEEE 802.3az Energy Efficiency Ethernet
Transmission level in coaxial network 113 dBµV ± 1dB
Maximum allowed attenuation in coaxial network 77 dB
Frequency range TV bypass 258...1800 MHz

Package Pricing Available

Size: 178 x 136 35mm

Brand: Axing

EOC03002 — EOC Endpoint 1800Mbps - Professional LAN + WIFI

Brand: Axing

Professional End Point Module for EOC. - LAN + WIFI Module.

Feeding IP signals into SAT or DVB-T systems or headends - Communicates with Professional Controler
Transmission freq 5...204 MHz
Net data rate 1800 Mbps (PHY)
128 bit AES encryption
2 x RJ 45 connectors
WiFi access point for tablet, smartphone, notebook etc. (2,4/5 GHz Band)
Incl. 12VDC external switching power supply
Max 16 Endpoints per network
Transmission level in coaxial network 113 dBµV ± 1dB
Maximum allowed attenuation in coaxial network 77 dB
Frequency range TV bypass 258...1800 MHz
Ethernet standards
IEEE 802.3u 100BaseT Fast Ethernet
IEEE 802.3ab 1000BaseT Gigabit Ethernet
IEEE 802.3az Energy Efficiency Ethernet
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)
WiFi standard MIMO 2x2 IEEE 802.11b/g/n/a/ac
WiFi encryption WEP, WPA/WPA2, WPA/WPA2 m. PSK

Size: 130 x 95 x 32mm

EOC03003 — EOC Endpoint 1800Mbps - Professional LAN Only

Brand: Axing

Professional End Point Module for EOC. - LAN Only Module.

Feeding IP signals into SAT or DVB-T systems or headends, communicates with Professional Controler
Transmission freq 5...204 MHz
Net data rate 1800 Mbps (PHY)
128 bit AES encryption
2 x RJ 45 connectors
Incl. 12VDC external switching power supply
Transmission level in coaxial network 113 dBµV ± 1dB
Maximum allowed attenuation in coaxial network 77 dB
Frequency range TV bypass 258...1800 MHz
Ethernet standards
IEEE 802.3u 100BaseT Fast Ethernet
IEEE 802.3ab 1000BaseT Gigabit Ethernet
IEEE 802.3az Energy Efficiency Ethernet

Size: 130 x 95 x 32mm

EOC03021 — EOC Master Controller for upto 32 Endpoints Professional

Brand: Axing

EOC Master controller for 1800Mbps Professional

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
Standard ITU-T G.9960 G.hn over Coax
EEE 802.3u 100BaseT Fast Ethernet
IEEE 802.3ab 1000BaseT Gigabit Ethernet
IEEE 802.3az Energy Efficiency Ethernet
Transmission level in coaxial network 113 dBµV ± 1dB
Maximum allowed attenuation in coaxial network 77 dB
Frequency range TV bypass 258...1800 MHz

Package Pricing Available

Size: 178 x 136 35mm

EOC03029

EOC 30-29 Ethernet over Coax | 1 × Dual-Master | 1800 Mbps | 19

Brand: Axing

For one RF cluster with 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
19" housing, 1RU
Incl. built-in switching power supply

EOC03049

EOC 30-49 Ethernet over Coax | 2 × Dual-Master | 1800 Mbps | 19

Brand: Axing

For two RF cluster with max. 32 endpoints each cluster
Data transmission range 5...204 MHz
Net data rate 2 × 1800 Mbps (PHY)
128 bit-AES-Encryption
Web interface for configuration
2 × 2 x RJ 45 Connectors for internet modem and configuration
19" housing, 1RU
Incl. built-in switching power supply

u.3 Peer to Peer 720Mbps

EOC00131

EOC High Speed Data Over Coax - 720Mbps LAN only

Brand: Axing
Bulk Qty Available: ☑

End Point Module for EOC. - LAN Only Module.

Feeding IP signals into SAT or DVB-T systems or headends - Peer to Peer System - No controller required
Transmission freq 5...65 MHz
Net data rate 720 Mbps (PHY)
128 bit AES encryption
2 x RJ 45 connectors
Incl. 12VDC external switching power supply
Max 16 Endpoints per network
Transmission level in coaxial network 113 dBµV ± 1dB
Maximum allowed attenuation in coaxial network 77 dB
Frequency range TV bypass 258...1218 MHz
IEEE 802.3u 100BaseT Fast Ethernet
IEEE 802.3ab 1000BaseT Gigabit Ethernet

Size: 130 x 95 x 32 mm

EOC00231 — EOC High Speed Data Over Coax - 720Mbps - LAN + WIFI

Brand: Axing

Bulk Qty Available: ☑

End Point Module for EOC. - LAN + WIFI Module.

Feeding IP signals into SAT or DVB-T systems or headends - Peer to Peer System - No controller required
Transmission freq 5...65 MHz
Net data rate 720 Mbps (PHY)
128 bit AES encryption
2 x RJ 45 connectors
WiFi access point for tablet, smartphone, notebook etc. (2,4/5 GHz Band)
Incl. 12VDC external switching power supply
Max 16 Endpoints per network
Transmission level in coaxial network 113 dBµV ± 1dB
Maximum allowed attenuation in coaxial network 77 dB
Frequency range TV bypass 258...1218 MHz
Ethernet standards
IEEE 802.3u 100BaseT Fast Ethernet
IEEE 802.3ab 1000BaseT Gigabit Ethernet
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)
WiFi standard MIMO 2x2 IEEE 802.11b/g/n/a/ac
WiFi encryption WEP, WPA/WPA2, WPA/WPA2 m. PSK

Size: 130 x 95 x 32 mm

u.4 Peer to Peer 1800Mbps

310500 — TEoC GigaKit - Point to Point EOC

Brand: Triax

The Smart Choice
Enjoy fast, stable, reliable and safe Ethernet around the home using existing TV coax cable and TV points.
Boost Home Entertainment Networks, Laptops, Smart TV's, Gaming Consoles all require a fast and reliable broadband connection to maximise their potential.
TRIAX TEoC GigaKit uses G.hn technology.
G.hn Technology :G.hn is an ITU standard used to deliver High Speed Broadband over legacy cabling. With the growing demands on home entertainment networks, the technology enables performance levels which Wi-Fi solutions are often unable to meet.

Goodbye Wi-Fi Dead Spots
Connect places Wi-Fi cannot reach with IP over Coax. The TEoC GigaKit enables fast and strong ethernet signals in rooms far from the router or those affected by thick or foil insulated walls.
Perfect for MDU installations. Overcome bandwidth congestion in MDU's.
Simple to install with Plug & Play technology
One button push to pair devices. Easy to use GUI.

0-200Mhz Freq use

TEoC GigaKit point to point Ethernet over Coax kit comprises;
1 x Controller, 1 x PoC Receiver, 1 x TV + Data Combiner, 1 x 48V PSU for PoC (Power over Coax).
Additional TEoC Receivers required to expand Network.
TV + Data Combiner to be used with GigaKit to diplex TV Signal into the Network.
Simply add / attach a Wi-Fi Access Point to the TEoC Receiver for improved in-room Wi-Fi.

Size: 31x98x151mm

310502 — TEoC Reciver Plus with PSU

Expand your TEoC GigaKit Point to Point Kit (310500)
Use TEoC Receiver Plus with TEoC GigaKit (Point to Point Kit) to expand your installation up to 7 points (when used with correct number of TEoC RX+ and TEoC + Splitter) to create a Point to Multi-Point Gigabit Network over existing coax cables.
Simple to install with Plug & Play technology
Connect places Wi-Fi cannot reach
For IP Over Coax

Brand: Triax

EOC00132 — EOC High Speed Data over Coax - 1800Mbps LAN Only

GigaBit End Point Module for EOC. - LAN Only Module.

Feeding IP signals into SAT or DVB-T systems or headends - Peer to Peer System - No controller required
Transmission freq 5...204 MHz
Net data rate 1800 Mbps (PHY)
128 bit AES encryption
2 x RJ 45 connectors
Incl. 12VDC external switching power supply
Max 16 Endpoints per network
Transmission level in coaxial network 113 dBµV ± 1dB
Maximum allowed attenuation in coaxial network 77 dB
Frequency range TV bypass 258...1800 MHz
IEEE 802.3u 100BaseT Fast Ethernet
IEEE 802.3ab 1000BaseT Gigabit Ethernet

Size: 130 x 95 x 32 mm

Brand: Axing

EOC00232 — EOC High Speed Data over Coax - 1800Mbps LAN + WIFI

GigaBit End Point Module for EOC. - LAN + WIFI Module.

Feeding IP signals into SAT or DVB-T systems or headends - Peer to Peer System - No controller required
Transmission freq 5...204 MHz
Net data rate 1800 Mbps (PHY)
128 bit AES encryption
2 x RJ 45 connectors
WiFi access point for tablet, smartphone, notebook etc. (2,4/5 GHz Band)
Incl. 12VDC external switching power supply
Max 16 Endpoints per network
Transmission level in coaxial network 113 dBµV ± 1dB
Maximum allowed attenuation in coaxial network 77 dB
Frequency range TV bypass 258...1800 MHz
Ethernet standards IEEE 802.3u 100BaseT Fast Ethernet
IEEE 802.3ab 1000BaseT Gigabit Ethernet
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)
WiFi standard MIMO 2x2 IEEE 802.11b/g/n/a/ac
WiFi encryption WEP, WPA/WPA2, WPA/WPA2 m. PSK

Size: 130 x 95 x 32mm

Brand: Axing

u.5 720Mbps Accessories

TZU01965 — EOC High-pass filter | return path blocker | 5...65 MHz

Frequency range 85...862 MHz
Frequency range blocked 5...68 MHz
Blocking depth > 50 dB
Through loss 1.5...0.5 dB

Brand: Axing

TZU01966

EOC High-pass filter | return path blocker | 5...65 MHz

Frequency range 85...2400 MHz
Frequency range blocked 5...68 MHz
Blocking depth > 50 dB
Through loss 1.5 dB
DC power pass

Brand: Axing

TZU019864

EoC low-pass filter 5 ... 65 MHz | F

For prevention of FM/TV interferences up to 204 MHz
To reduce the EoC frequency range to 5 ... 65 MHz
Blocking depth > 50 dB @ 85 ... 2200 MHz
F-female | F-male
Blocking depth > 40 dB
Through loss 0 ... 2.5 dB
DC power pass yes

Brand: Axing

TZU04003

EoC inserter | 4 dB | 5...65 MHz

For feeding in RF-modulated IP signals
5...1006 MHz | 85...1006 MHz (with 85 MHz high-pass filter)
4 dB EoC loss between connector "EoC" and connector “Eingang/Ausgang”
4 dB through loss between the connector "terr. Signale" and the connector “Eingang/Ausgang”
Connection 1: terr. Signal
Connection 2: EoC
Connection 3: Combined

Brand: Axing

TZU04004

TZU 40-04 EoC inserter | 15 dB | 5...65 MHz

To feed in RF modulated IP signals
5...1006 MHz | 85...1006 MHz (with high pass filter 85 MHz)
15 dB EoC loss between connector "EoC" and connector "Input/Output"
1,3 dB throug loss between connector „terr. Signale“ and connector „Eingang/Ausgang“
Connector 1: terr. Signale
Connector 2: Combined
Connector 3: EoC

Brand: Axing

u.6 1800Mbps Accessories

310503

TEoC + 1 Splitter

TEoC + 1 Splitter
To be used in conjunction with TEoC Receiver Plus (310502) and TEoC GigaKit (310500) to create a GigaKit Multi-Point System.
TEoC GigaKit installations are expandable up to 7 x TEoC Receivers from a single Controller. Just add a TEoC + 1, + 2 or + 6 TEoC GigaKit Splitter as required.
Add a TEoC Receiver Plus (Rx+) with separate PSU (310502) per additional TEoC Gigabit Point.

Brand: Triax

310504

TEoC + 2 Splitter

To be used in conjunction with TEoC Receiver Plus (310502) and TEoC GigaKit (310500) to create a GigaKit Multi-Point System.
TEoC GigaKit installations are expandable up to 7 x TEoC Receivers from a single Controller. Just add a TEoC + 1, + 2 or + 6 TEoC Splitter as required.
Add a TEoC Receiver Plus (Rx+) with separate PSU (310502) per additional TEoC Gigabit Point.

Brand: Triax

310505

TEoC + 6 Splitter

To be used in conjunction with TEoC Receiver Plus (310502) and TEoC GigaKit (310500) to create a GigaKit Multi-Point System.
TEoC GigaKit installations are expandable up to 7 x TEoC Receivers from a single Controller. Just add a TEoC + 1, + 2 or + 6 TEoC GigaKit Splitter as required.
Add a TEoC Receiver Plus (Rx+) with separate PSU (310502) per additional TEoC Gigabit Point.

Brand: Triax

BZU030204

EOC Passive return channel bypass 5 ... 204 MHz

EoC signals 5 ... 204 MHz can be routed passively around a broadband amplifier
Separates and recombines the frequency ranges 5 ... 204 MHz and 258 ... 1218 MHz

Brand: Axing

TZU01968X

EOC High-pass filter | return path blocker | 5...204 MHz

Frequency range 258...2200 MHz
Frequency range blocked 5...204 MHz
Blocking depth 45 dB
DC power pass

Brand: Axing

TZU04005

TZU 40-05 RF and EoC inserter

To feed in RF modulated IP signals
5...1218 MHz | 258...1218 MHz (with high pass filter 204 MHz)
4 dB EoC loss between connector "IN2" and connector "COM"
4 dB through loss between connector „IN1“ and connector „COM“
Connector 1: IN1
Connector 2: IN2 (EoC)
Connector 3: COM

Brand: Axing

u.7 Wifi Products

0900201

MegaSat Camper Connected WIFI Booster

Camper Connected WiFi Booster
Amplifies the Wi-Fi signal and simultaneously transmits it to the vehicle interior.
Interference-free internet reception is guaranteed.
WiFiBooster for Vehicles - strong WiFi to on road
Our systems amplify existing Wi-Fi signals, e.g., from campsites, and reliably bring them into the vehicle – for stable internet when surfing, streaming, or making phone calls

Brand: MegaSat

UPC 4046173109559

AI-CPE

AI Smart Wireless Bridge

Brand: OEM

Wireless Bridge: up to 3KM Line of Site

5.8G high wireless transmission
Point-point, point-multiple point
2 x 14dBi High gain antennas
CPU - AR9342
Memory 64M
Flash 8M
100Mpbs digital display bridge
24V POE power supply - 2 x POE Plug Packs Supplied
2 RJ45 LAN Ethernet Port
Transmission rate 300Mbps = bandwidth 100Mbps
Transmission distance 3KM
Indicator light PWR, LAN, SYN
Wifl standard EEE802.11b/g/n
Digital LED display code - Quick setup up through LED code,
Point to more support
POE power supply mode 4 5PIN:+, 7 8PIN:-
12 VDC power supply support
Supports Access point with Multipule SSID's at the Receiving bridge.
Internal management software including , Networks, VLAN, Ping , Device search etc

Powerfuly enterprise wireless bridge. - Indoor / Outdoor use.

Size: 19.8mm x 95mm x

u.8 IPTV Network

IKU8339

SWI024G - Switch 24 GE + 4 x 10G SFP+ L2/L3 Managed

Brand: Ikusi

The SWI024G is an L2/L3 manageable switch equipped with 24 Gigabit RJ45 ports and 4 10G SFP+ slots..
With abundant L3 management features supported, the SWI024G is capable of delivering high throughput to even the
most demanding edge-of-network workgroups, while in small networks it can act as a backbone for Gigabit switches
and high-speed servers. 4 SFP+ slots provide greater network flexibility.
The SWI024G is designed exclusively for the networking needs of growing business- es, with an extensive suite of
management and security features available.
These devic- es are cost-effective for small and medium-sized businesses, providing ideal solutions for a variety of
network scenarios.

Basic specifications
• 4x 10Gbps SFP+ Slots.
• 24 10/100/1000Mbps RJ45 ports.
• Management and administration via WEB, CLI, TELNET, SNMP
• Support IEEE 802.1Q VLAN, QoS, ACL, SSL.
• Support Spanning Tree, Multicast IPV6, SNMP.
• Support 802.1X certification.
• Support ERPS ring network.
• Support RSTP/MSTP spaning tree.
• Support Port Security, Port Monitoring and Port Isolation.
• Support Quaternary binding, ARP/IP/DoS protection.
• Mechanical Rack 19” 1U

IKU8341	**SWI124G PoE - - Switch 24 GE + 4 x 10G SFP+ L2/L3 Managed**