

AUTBUS Ethernet Switch

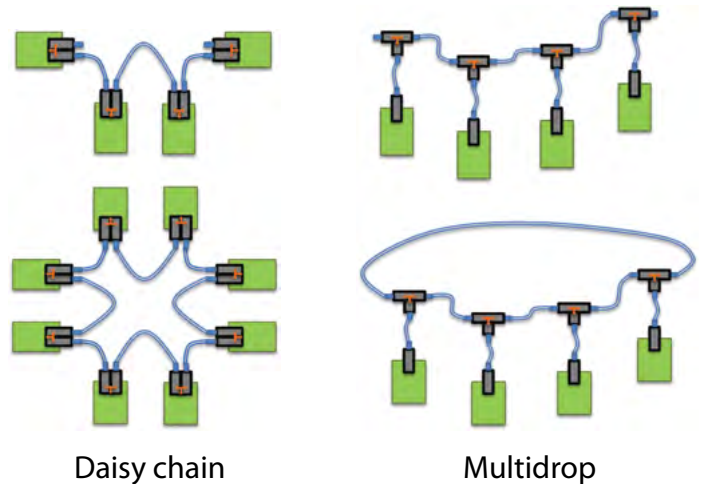
AUTBUS is a time-sensitive industrial control network for connecting edge devices, which can carry both real-time and non-real-time services and provide deterministic and reliable data transmission services for both time-sensitive and non-time-sensitive services. It can be widely used in intelligent factory, industrial robot, rail transit, intelligent transportation, petrochemical engineering, clean energy, automotive electronics, engineering equipment and other fields.

AUTBUS is about to become a communication standard for Chinese and international industries.

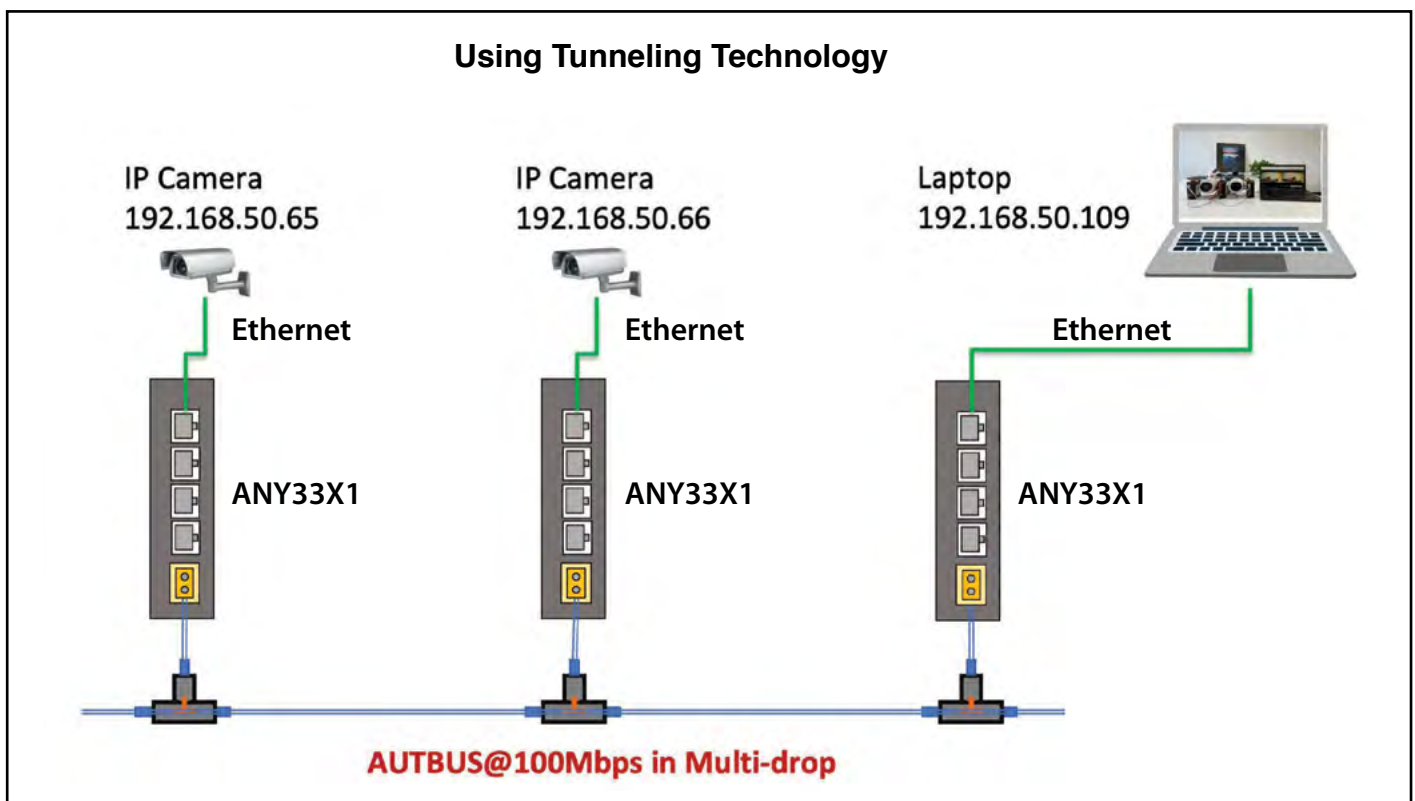
- IEC 61158-Type 28
- IEC 61784-CPF22

AUTBUS Characteristics

- Deterministic: Time sync. based communication mechanism
- High bandwidth: 100Mbps
- Media: twisted pair, polarity-insensitive
- More node: 254
- Long distance: 500m
- Flexible topology: daisy chain and multidrop
- Power over communication wires



4-port Ethernet switch with one port AUTBUS



» ANY33X1



ANY33X1 is an unmanaged industrial switch with the conversion function from AUTBUS to Ethernet based on the high performance AUTBUS SoC chip KY3001. The product is used to connect devices with Ethernet interfaces to AUTBUS networks. ANY33X1 has an AUTBUS port, 4 100Base-T Ethernet ports and 2 wide range DC power input ports as well as IP30 rated housing with DIN rail.

Product characteristics

AUTBUS

An AUTBUS port

- Transformer isolation
- 100 Mbps @ 500 m

Ethernet

- Transformer isolation
- 4-Way 10/100 Base-T, RJ45 interface

Indicator

- Power LED
- Working status LED

Input power

- Voltage range: DC 7 V-DC 35 V
- Power: <5 W
- Protection: overvoltage, overcurrent and reverse connection

Environmental conditions

- Working temperature: -40°C ~ 85°C
- Storage temperature: -40°C ~ 85°C
- Transport temperature: -40°C ~ 85°C
- Natural heat dissipation

Dimension: 45.6 mm x 114.5 mm x 68 mm

Weight: <250 g

DIN rail installation

IP30 rated housing with DIN rail

Ordering Information

Model	Description
ANY33X1	ANY33X1 is an unmanaged industrial switch with the conversion function from AUTBUS to Ethernet. It has an AUTBUS port, 4 100Base-T Ethernet ports, and 2 wide range DC power input ports, as well as IP30 rated housing with DIN rail.