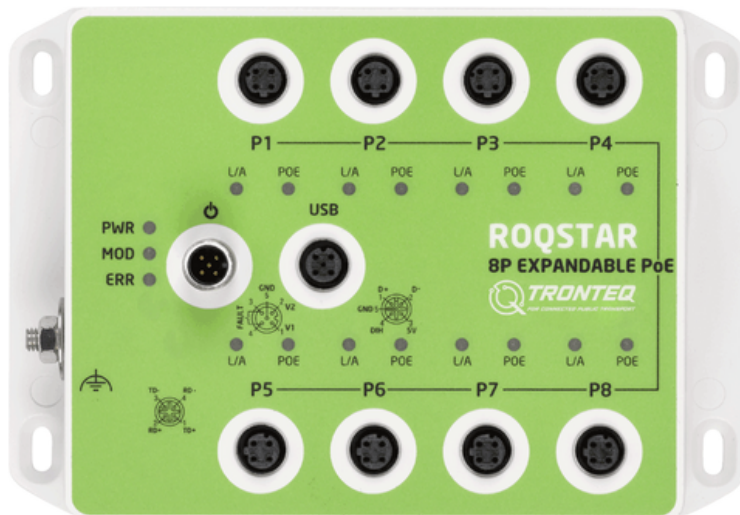


ROQSTAR Expandable Ethernet PoE Switch

8 Ports / M12

Product number 006-130-112



Features & Applications

- 10/100 Mbit/s
- PoE budget 62W, supply 24V, galvanically isolated
- Network control and diagnostics
- Passenger counting systems
- Real-time passenger information
- Ticketing and payment systems
- CCTV



Technical Specifications

Connectors

M12 d-coded Ethernet ports	8 x 10/100 Mbps
M12 a-coded male	1 x power supply
M12 a-coded female	1 x USB port

Physical

Enclosure	Aluminium, die-cast
Protection class	IP54
Installation	Wall mount/any orientation
Dimensions (W x D x H)	175 x 52 x 121 mm
Weight	750 g

Environment

Ambient temperature operating	-40°C ... +70°C
Ambient temperature storage	-40°C ... +85°C
Ambient humidity	10% ... 90% non condensing

LED display

System LEDs	PWR, ERR, MOD
LEDs Fast Ethernet port	Link/activity, PoE status

Power non PoE

Power consumption	5W at 24 VDC
Operating voltage	9,6 ... 60 VDC
Power supply input	V1,V2 dual, polarity protected

MTBF

25°C	680 670 hrs
60°C	261 292 hrs

Approvals

E-Mark EMC	UN ECE R10
E-Mark fire protection	UN ECE R118
IBIS-IP	Compliant
ITxPT	Laboratory test compliant

PoE Features

PoE/PoE+ ports	8
Operating voltage	16...52 VDC, polarity protected
Rated PoE power	62 W total
Max. PoE power one port	30 W
Power supply input	V1 only
PoE classes	PoE Class 0, 1, 2, 3, 4
Current limits*	Configurable per port

Layer 2 features*

L2 MAC address	2048
Jumbo frames	1522
Switching VLAN*	802.1Q (tagged VLANs)
VLAN groups*	32 (VLAN IDs: 4094)
Port mirroring*	Multiple sources, single destination
Storm protection*	Broadcast, configurable: off, 1Mbps
Redundancy protocol*	IEEE802.1w - RSTP
Quality of service*	IEEE802.1p PCP and DSCP
Additional features*	Link Aggregation

Management*

DHCP*	Server: in one VLAN (pool, port based, static leases)
Access*	http, https, SNMP v1/v2/v3
USB port*	Firmware update, configuration upload and download, IP and factory reset

Diagnostics*

Ethernet ports*	Link up/down, counter
Logging*	Link, system
ITxPT*	Module Inventory, xstatus
SNMP*	Traps

*Only available after upgrade

Drawings

