DATASHEET IN3034DS
POEsy Ethernet Switch
Model 7074

intona

Signal Processing Devices
Made in Germany

FEATURES

- Four Gigabit Ethernet Ports with true non-blocking switching performance (10/100/1000 Auto-MDI-X)
- Delivers Power-over-Ethernet (POE PSE)
- Powers either by POE (PD) or by a DC supply
- Suitable for redundant powering
- Suitable as daisy chain POE network distributor
- Suitable as low noise POE injector (no internal switching converters used to provide POE power delivery)
- High-speed, non-blocking four traffic class QoS switch fabric that uses the unique Dynamic Queue Limit architecture
- Quality of Service support with four traffic classes
- Compact and portable solution
- Connectors: 4x RJ45 10/100/1000 Mbps Ethernet, 1x DC-Jack
- Status LED for outgoing POE powering (PSE)
- Status LEDs for Gigabit mode and traffic status for each port
- National compliances: FCC, CE, RCM, ICES-003
- Aluminum enclosure
- Engineered and manufactured in Germany

Top: back side view; bottom: front side view

APPLICATIONS

- low latency, professional media streaming
- audiophile grade audio streaming
- daisy-chaining POE distribution
- low noise, low EMI network distribution
- industrial, office or home environment with demands to high reliable Ethernet distribution

Table 1   Ordering Codes

7074	POEsy Ethernet Switch	power supply not included
7074-DC	POEsy Ethernet Switch	incl. power supply GE24I48-P1J and plugs for AU/UK/EU/US

Options: -8 = DIN-Rail mount

Table 2   Technical Specifications

Power Supply	Powered by POE on port D and/or DC-Jack on back side (48 V, 0.5 A)
Ports	Four RJ45 Ethernet (10/100/1000 MBit) Auto-MDI-X with two LEDs each
POE compliance	IEEE 802.3af (PSE class 1, 2, 3; PD class 1) 12.95 W max.
Ambient Temperature	-40–80°C
Dimensions, Weight	120 x 30 x 70 mm; 350g

Document Revision History

A   2020-11-30   Initial revision

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Usage

All four ports are suitable for
full bandwidth Ethernet traffic
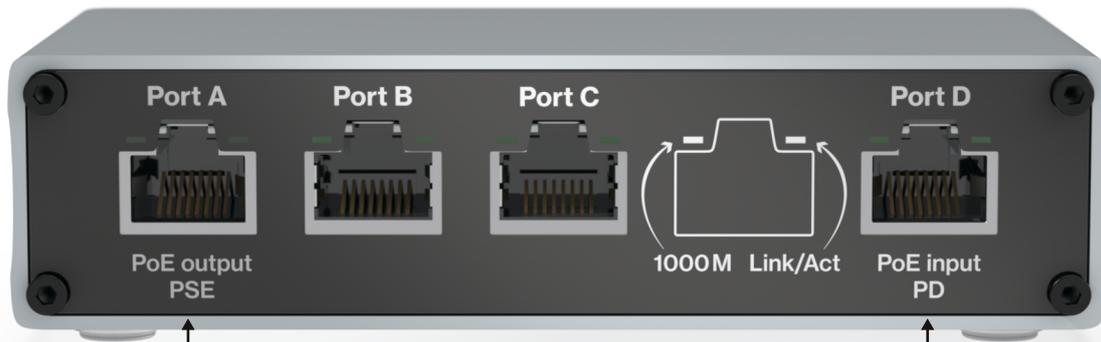
Port A
May be used to distribute Ethernet traffic and
POE. This is independent on how this device
is powered.
POE power is only switched on if a capable
device is connected. Otherwise this is used
as a standard Ethernet port.

Port D
May be used to inject POE. This is optional
and independent from other functionality.
If you don't inject POE, this port is used as
standard Ethernet port.

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Developed, designed and manufactured by Intona Technology in Germany.
Intona Technology GmbH, Auweg 32, 89250 Senden, GERMANY. Phone: +49-7307-954563-0, E-Mail: mail@intona.eu