(1) 100/1000Base-X SFP slot + (1) 10/100/1000Base-T PoE+ port

\*\*Lantronix / Transition Networks

\*\*Direct Attach Cables / Active Optical Cables

A simple to install, cost-effective and interoperable solution

Often used for data center short-reach interconnects, Direct Attach, Active Copper and Active Optical Cables are an indispensable part of any network.

Terminated with transceiver-style connectors, they are designed to be used in the same ports as a typical SFP+ or QSFP transceiver, with no need for adapters or converters. Our DAC and AOC cables offer compatibility with a huge range of vendors, enabling the connectivity you need within the Top of Rack and End of Row environments.

• 10G, 25G, 40G & 100G product solutions
• Seamless interoperability with network equipment
• Multi-code options enabling different OEM vendors at each end of the cable
• 4x breakout cables, 40G QSFP+ to 4x 10G SFP and 100G QSFP28 to 4x 25G SFP28
• Fast Delivery, Custom solutions
• Compatible with Over 90 Systems
• Savings of up to 70%

\*\*Converters and Device Servers

The SI-IES-111D-LRT is a (2) port unmanaged hardened PoE+ injector that adds up to 30 Watts of power from it’s PoE+ Port onto a network segment. The gigabit speed SFP slot provides the ultimate flexibility by allowing fiber SFP uplink ports with varying communication distances.

\*\*\*Features

• IEEE 802.3at PoE+ to supply 30 Watts on 10/100/1000Base-T port
• Supports IEEE 802.3af
• Supports dual speed for SFP slot
• Non-blocking architecture
• Compact size
• IP31 housing protection
• Link Pass Through
• Extended operating temperature (-40°C to 75°C)
• DIN Rail mount / optional wall mount brackets included
• Full/half-duplex flow control
• Auto-MDI/MDIX
• Auto-Negotiation
• Store-and-forward transmission
• 10K byte jumbo frames

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\*\*\*Standards

• IEEE 802.3
• IEEE 802.3u
• IEEE 802.3x
• IEEE 802.3ab
• IEEE 802.3at
• IEEE 802.3z
• IEEE 802.3af

\*\*\*Max Jumbo Frames

• 10K byte jumbo frames

\*\*\*Connectors

• (1) DATA IN 100/1000Base-X SFP Ethernet Port
• (1) DATA OUT 10/100/1000Base-T PoE+ RJ-45 Ethernet Port 30 Watts

\*\*\*Data Rate

• 10/100/1000 Mbps

\*\*\*Status LEDs

• Copper Port: Link/ACT
• Copper Port: Gigabit Transmission
• SFP Port: Link/ACT
• PoE Power
• Input Power

\*\*\*Dimensions

• Width: 1.44” [36.7 mm]
• Depth: 3.72” [94.5 mm]
• Height: 4.26” [108.4 mm]

\*\*\*Power Consumption

• 3.53 Watts (No PoE)
• 32.725 Watts (1 port PoE)

\*\*\*Power Input

• 48-57VDC
• Higher Voltage (50-53VDC) may be required for some high powered PD loads

\*\*\*Ingress Protection

• IP31

\*\*\*Environment

• Operating: -40°C to 75°C
• Storage: -40°C to 85°C
• Humidity: 10% to 95% (non-condensing)
• Altitude: 0 – 10,000 ft.

\*\*\*Weight

• 1.3 lbs. [0.59 kg]

\*\*\*MTBF

• 743,594 Hours Bellcore Ground Benign, Controlled; Temp 30°C
• 653,092 Hours Bellcore Ground Fixed, Uncontrolled; Temp 30°C

\*\*\*Certifications

• Safety: UL508, Class 1, Division 2, Groups A, B, C, and D Hazardous Locations, CE Mark,FCC Class A, EN55011,
• EN55022/EN61000-6-4 (EMC),
• EN55024/EN61000-6-2 (Immunity),
• EN61000-4-2 (ESD),
• EN61000-4-3 (RS),
• EN61000-4-4 (EFT),
• EN61000-4-5 (Surge),
• EN61000-4-6(CS)
• EN61000-4-8 (Magnetic Field),
• IEC60068-2-27(Shock),
• IEC60068-2-32 (Free fall),
• IEC60068-2-6 (Vibration)

\*\*\*Warranty

• Lifetime