VISICS

eSwitch 6

6 Port GigE PoE Switch 25W

+ High performance networking switch and power distribution system for high speed industrial process control and rapid image transfer

+ High speed cross-point switch permits GigE transfers on all ports simultaneously

+ Compact, rugged system operates from 24 VDC

+ Resistant to environmental dust

+ 15W-50W can be delivered to a peripheral on a single Cat 5 cable. I.E.E.E. 802.3af/at compliant

+ 10/100/1000 Base T

+ Link speed & PoE status are signaled by LEDs for each port

+ Auto-crossover

+ Auto-negotiation

+ Jumbo frame support

+ Remote control of PoE power to individual ports

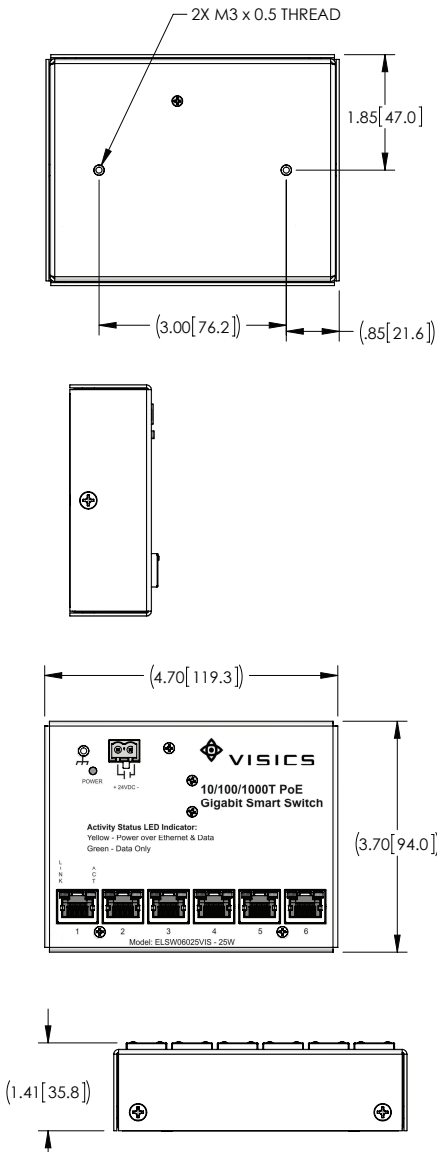+ Remote diagnostics of traffic per port

Applications

- Power GigE PoE cameras and peripherals

- Connect industrial PoE devices to computers and non-PoE switches

- Mix and match non-PoE devices and different bit rates

- Link remote devices onto factory networks

First Reliable Industrial GigE Ethernet Switch which Fully Supports I.E.E.E. 802.3af/at Intelligent Power Over Ethernet

The eSwitch is an extremely rugged and compact industrial Ethernet switch that can provide 1000 Base T communication and a total of 25 Watts (50 W with High Power Option) of power to 6 attached devices which support the IEEE 802.3af/at specification.

This permits simultaneous camera and peripheral operation over each Cat 5e or Cat 6 cable – providing power, image data transfer, triggering, strobe control, and event notification over the same connection.

2X M3 x 0.5 THREAD

1.85[47.0]

(3.00[76.2]) (.85[21.6])

(4.70[119.3])

VISICS

10/100/1000T PoE
Gigabit Smart Switch

Activity Status LED Indicator:
Yellow - Power over Ethernet & Data
Green - Data Only

L I N K
A C T

POWER + 24VDC -

1 2 3 4 5 6

Model: ELSW06025VIS - 25W

(3.70[94.0])

(1.41[35.8])

Note: all dimensions are in inches [mm]

eSwitch 6

Specifications

CE certified
Throughput: 1GBit/port, full duplex
Jumbo frame support
RoHS compliant
Auto-Crossover, Auto-Negotiation, Auto-Polarity
Operates in Unmanaged and Managed Modes

Standards (all ports)

802.3/802.3u/802.3ab 10baseT/100baseT/1000BaseT Ethernet
802.3af, 802.3at Power-over-Ethernet
802.3z Gigabit Ethernet
802.3x flow control
802.1d Spanning Tree Protocol, *(STP)*, 802.1w Rapid STP, 802.1s Multiple STP
802.1x port access authentication
802.1Q/p 4096 VLAN IDs

Power

Supply Voltage	22 – 30 VDC
Supply Current *(at 24 VDC, no ports delivering PoE Power)*	125 mA
Supply Current *(at 24 VDC, all ports delivering 4W PoE Power)*	1.3 A

Environmental

Acceleration	15 G
Shock	50 G
Thermal Operating Range *(Case)*	-30 to 50 °C
Thermal Storage Range *(Ambient)*	-60 to 85 °C
Humidity	0 – 95% NC

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Visics.com