Electro Standards Laboratories ®
ADVANCED SYSTEMS DESIGN & SERVICES

GSA Schedule Contract GS-35F-0286V

Touch Sensitive Display

SPECIFICATIONS
MODEL 7182
(Cat. No. 307182)

Model 7182 RJ45 Connect/Disconnect PoE Switch with Touch Sensitive Display Control & 8-Hour Countdown Programmable Timer
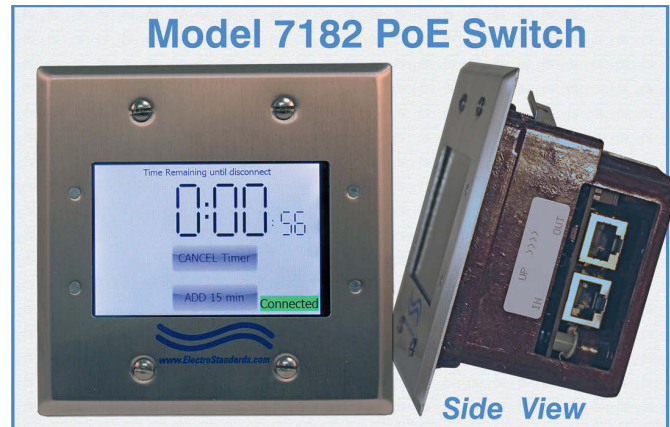
- **Ideal for Power Over Ethernet (PoE) Video Camera Network Installations**
- **Ideal Application: Classified/Controlled areas where wired or wireless network access is desired with a convenient user verifiable/user-controllable positive disconnect capability.**

INTRODUCTION

The Model 7182 RJ45 Connect/Disconnect PoE Switch with Touch Sensitive Display and 8 Hour Countdown Programmable Timer allows the user the capability of connecting/disconnecting a PoE device plugged in line between ports IN and OUT. The Touch Sensitive Display allows the user to set the connection time interval up to 8 hours and view status whether the Powered Device is connected or disconnected to the PoE Source device.

The Model 7182 provides a Touch Sensitive Display to manage connection of the Ethernet RJ45 PoE connected devices. The Model 7182 switch electronics is neatly enclosed in a dual gang wall box making it easy to install in new or existing constructed walls. The PoE interface source device powers the Model 7182.

FEATURES:

- The switch ports are transparent to all data.
- All (8) pins of the RJ45 interface are switched via a break-before-make electromechanical relays.
- The power over Ethernet (PoE) signal from the source device powers the Model 7182.
- **User controllable positive disconnect capability.**
- The digital display indicates countdown time in hours, minutes and seconds programmable up to 8 hours.
- Default position of the switch when power is applied is in the Disconnected position.
- In the Disconnected state, power and data from the PoE source device connected to the IN port, are physically disconnected from the powered device connected to the OUT port.
- When the countdown timer is activated and counting down, the switch is in the Connected position, the source device is connected to the powered PoE device.
- Supports PoE IEEE 802.3af and IEEE 802.3at applications.
- Power Sourcing Equipment (PSE) provides power to Model 7182 via the RJ45 IN connector using Mode A (Pins 1,2 +DC and Pins 3,6 –DC).
- Power Sourcing Equipment (PSE) provides power to externally connected devices via the RJ45 OUT Connector using Mode B (Pins 4,5 +DC and Pins 7,8 –DC).
- Supports 10/100/1000 Ethernet.
- ★ **Municipalities, schools, government: This product on GSA Schedule!**

Model 7182 PoE Switch

Side View

SPECIFICATIONS:

PORT CONNECTORS: (1) RJ45 (F) labeled IN to the switch and requires PoE. (1) RJ45 (F) labeled OUT device port.

DISPLAY CONTROLS & INDICATORS:
- Touch Sensitive Display
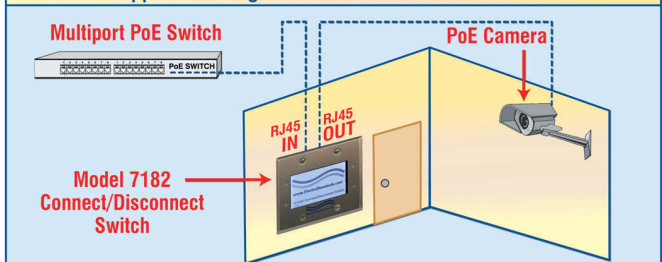- Displays timer in Hours, Minutes and Seconds.

POWER:
- Does not require a separate power supply.
- The power to the switch is provided by Power Sourcing Equipment (PSE) which is IEEE 802.3at Mode A compliant connected to the RJ45 IN port.
- The PoE connection is the RJ45 IN connector.

DIMENSIONS: Double Gang Wall box Faceplate; 4.58" W x 4.5" H x 2.65" D. (11.7 x 11.5 x 6.8 cm)

WEIGHT: Approximately 1.0 lb. (0.5 kg)

Model 7182 Application Diagram

Model 7182 ONLINE/OFFLINE Switching Function Diagram