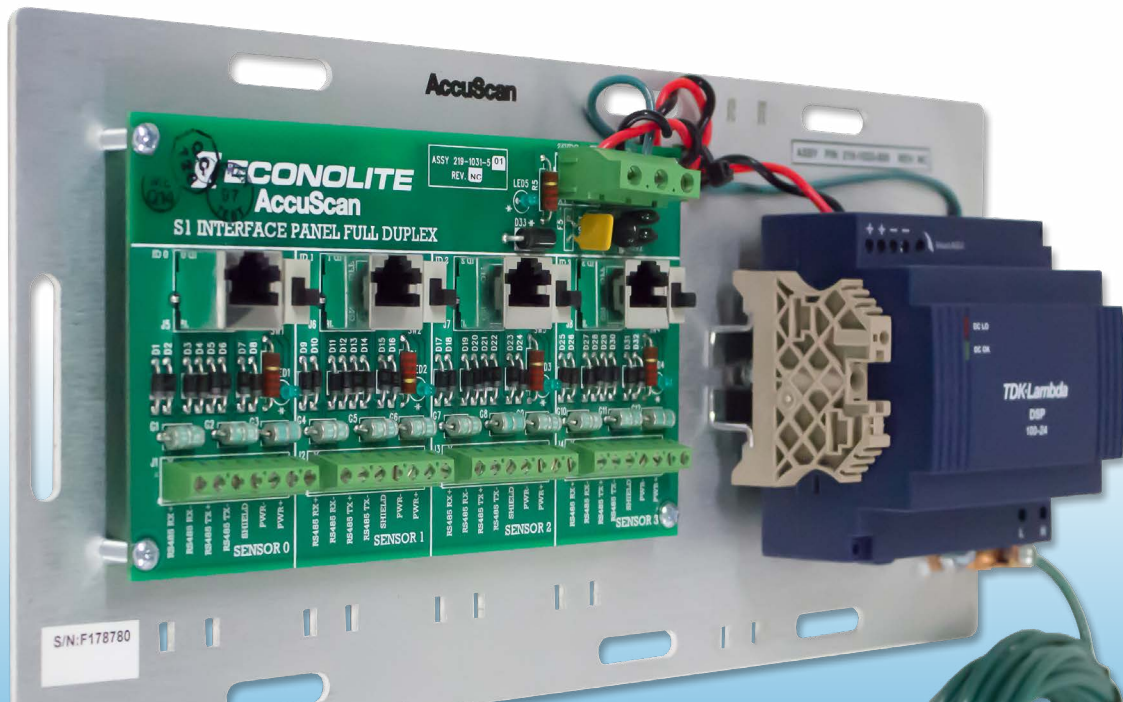


# AccuScan Radar Interface Panel



- ▶ ▶ Protects your radar investment by providing power surge suppression and enables full duplex communications.

## About the Radar Interface Panel

Econolite's Radar Interface Panel provides power, surge protection, and communications for up to four AccuScan forward-fire radar units. Typical installation includes an in-cabinet Traffic Management Interface Board (TMIB) module that provides Ethernet connectivity to the radar units. Direct RS-485 serial communications from the panel to the radar units is also possible. The Interface panel provides individual power on/off switches to each radar to simplify installation.

The Radar Interface Panel provides both a mechanical place to land cables coming in from outside the cabinet and multiple layers of electrical surge suppression to help protect other cabinet equipment from outside surges and noise. Protection includes MOV transformer isolation, gas discharge tubes, diode isolation, and resettable fuses. Power is 110 or 220 VAC to the replaceable power supply on the interface panel, typically wired from the protected side of the cabinet power distribution. No supplemental surge suppression is required.

### At A Glance

- ▶ Supports up to 4 AccuScan radars
- ▶ Incorporates surge suppression and communications distribution
- ▶ Supports both full duplex and half duplex radar sensors
- ▶ Isolates TMIB and in-cabinet components from outside surges
- ▶ Easy to install and wire in



## Installation Options

- Cabinet Rail mount
  - Slots support most cabinet rail spacing's
  - Rail lugs available separately
- DIN Rail mount
  - DIN rail mounting available as separate item

## General Data

- Input 110 or 220 VAC 50 or 60 Hz
- Output +24VDC, 100W
- Interface Panel grounding wire included
  - Must be connected to cabinet ground.

## Interfaces

- 4 x 7-pin Phoenix connectors to radar units
- 4 x RJ12 receptacles to TMIB cabinet interface
  - 4 patch cables supplied as standard
- 4 x On/Off switch to radar units to simplify installation
- 4 x Green LED to indicate power to radar
- Inbuilt surge and power protection

## Environmental

- -34°C to +74°C (-29°F to +165°F)
- 0 to 95% relative humidity, non-condensing
- Regulatory:
  - NEMA TS 2-2003 compliant
  - TEES
  - FCC Part 15, Class A

## Training

- Product support and training available through the EGI Learning Center

## Basic Specifications

### ► Dimensions & Weight

- ◉ Dimensions: (Cabinet Rail mount) - W x H x D: 13.5in x 6.25in x 2.75in (343mm x 158.75mm x 69.85mm)
- ◉ Weight: 2.49lbs (1.13kg)

### ► Warranty

- ◉ 2 years

