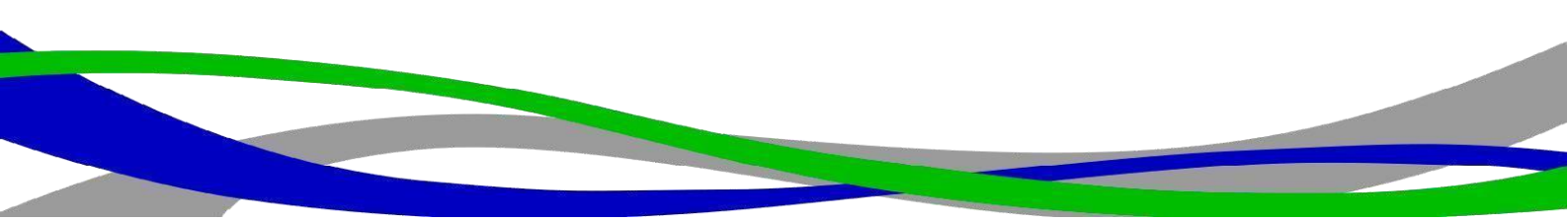


Product information:

SEM-300 Module Specifications



Reference model for the solution

ADC-SEM300AT-LAT



Introduction

The Alarm.com System Enhancement Module (SEM) is the most cost-effective and complete solution for migrating compatible DSC PowerSeries PC1616, PC1832 and PC1864 panels from V4.2+ to Alarm.com services. The dual-path SEM supports 4G LTE cellular and broadband Ethernet (optional) communication. This ensures a longer, safer and more reliable life for the panels mentioned above.

Actual product image



Key features

- Fast, reliable and secure wireless signaling
- Home automation and energy management
- Supports Z-Wave Plus devices
- Video monitoring (with Alarm.com NVR cameras)
- No separate power supply required
- Over-the-air (OTA) firmware updates
- Reporting to Sur-Gard System 1, 2, 3, 5 and PowerManage central stations (CID and SIA)
- Internal antennas
- Cover and wall tamper included
- Outward-facing LEDs for visual status information
- Ethernet as optional secondary communication path
- Remote monitoring and control via web/mobile
- Remote access and management of locally stored user codes

Specifications

Power requirements	12 VDC nominal, 130 mA (continuous), 2000 mA (instantaneous peaks) max. (from panel battery)
Cellular network	4G LTE with 3G HSPA, 2G GSM fallback
Panel interfaces	Two keypad BUS connections, 12 VDC power and ground
Status indicators	Five LEDs (red, green, yellow or blue)
Operating temperature	14 to 131 °F (-10 to 55 °C)
Storage temperature	-30 to 140 °F (-34.4 to 60 °C)
Humidity	90% relative humidity, non-condensing
Housing dimensions (length x width x depth)	7.66 x 4.35 x 1.65 in (19.46 x 11.05 x 4.19 cm)
Housing color	White