System Enhancement Module

Data Sheet

Honeywell/ADEMCO Vista®

ADC-SEM-300

www.alarm.com

Specifications

Power requirements:
12 V nominal, 125 mA nominal (continuous), 230 mA max

Cellular network:
4G LTE with 3G HSPA, 2G GSM fallback

Panel interfaces:
Two keypad BUS connections, 12 V power and ground

Enclosure 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

Enclosure dimensions:
7.66 x 4.35 x 1.65 in. (19.46 x 11.05 x 4.19 cm)

Enclosure color:
White

Case material:
Fire-retardant PC/ABS, PC

Radio Frequencies:
Z-wave: 908.4MHz, 916.0MHz
GSM (Bands 2, 3, 5, 8)
UMTS (Bands 1, 2, 4, 5)
LTE (Bands 1, 2, 3, 4, 5, 7, 28)

Overview

The Alarm.com System Enhancement Module (SEM) is the most cost-effective and comprehensive solution for migrating compatible Honeywell/ADEMCO VISTA-10P, VISTA-15P, and VISTA-20P panels to Alarm.com's award-winning interactive services. The SEM supports the 4G LTE cellular network and optional Broadband Ethernet, ensuring the longest life cycle with the most secure and reliable service. The SEM is now ETL certified, ensuring a high benchmark of safety and sustainability.

Features

- Fast, reliable, & secure wireless signaling
- Home automation & energy management
- Support for Z-Wave Plus devices
- Video monitoring
- No separate power supply needed
- Over the air (OTA) upgrades
- CID and SIA central station signaling
- Internal antennas
- Cover & wall tamper included
- Externally facing LEDs for visual feedback
- Broadband as an optional secondary communication path
- Remote monitoring & control via web/mobile
- Remote panel configurations with Uploader/Downloader, including Add Sensors
- Remote access and management of locally saved user codes

Benefits

- Enable wireless reporting of alarms and other system events using the LTE wireless (cellular) network and Broadband Ethernet
- Configure and support installations from any browser or smartphone using Alarm.com's familiar and easy-to-use web and mobile support tools, including the Partner Portal and MobileTech
- Enable Alarm.com interactive monitoring and alerting for end users
- Integrate Alarm.com's home automation and energy management services with the SEM's built-in Z-Wave Plus capabilities
- ETL listed to UL985, UL1023, and ULC S545