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LTEM-PA and LTEM-PV Advanced Modular Communicator

For VISTA® and Competitive Control Panels

Resideo is committed to providing the best alarm communication solutions for the security industry. Our LTEM-P Communicators utilize the latest LTE® technology specifically designed for IoT devices to communicate with AlarmNet®.

The CAT-M1 LTE technology, used by leading carriers, has greater signal strength and power efficiency, improving performance underground and within structures.* LTE CAT-M1 technology is available everywhere that current LTE networks reach with strong enough reception for consistent connections.

The LTEM-P Communicators easily connect to customers' security system control panels and sends alarms and messages to AlarmNet for transfer to the central monitoring station.



LTEM-PV/LTEM-PA

The LTEM-P Line includes the following models:

- LTEM-PV (Verizon® network)
- LTEM-PA (AT&T® network)

The LTEM-P Line also supports these optional plug-in modules:

- LTE CAT-1 Cell Radio Module for enhanced cellular radio features (model PROLTE series)
- Wi-Fi®/Z-Wave® Module for Wi-Fi connection to the Internet and/or for control of home automation devices (model PROWIFIZW)
- Dialer Capture Module for use with control panels that send Contact ID signals via Dialer (model PRODCM)
- Wi-Fi Module for Wi-Fi connection to Internet



Product shown featuring optional add-ons.

FEATURES

- Quick connection to Resideo control panels and non-Resideo compatible control panels (see panel compatibility)
- Supports both ECP and Bus connections to compatible control panels
- Power supplied by a 9VDC power adapter (included)
- Supports dynamic or static IP addressing, and installs behind firewalls without compromising network security (provided that the communication path includes IP)
- Supports connection to the internet via Ethernet® cable or Wi-Fi (Wi-Fi requires installation of PROWIFIZW module) – only one method can be used, ethernet or Wi-Fi, not both
- Reports fire, burglary, and status messages via the internet
- Reports messages via cell as backup to internet reporting (provided that the communication path includes cell)
- Allows uploading and downloading of VISTA control panel data
- Resideo Total Connect® 2.0 Remote Services allow the end user to access their security system from their computer via the website. Availability of this service is controlled by the dealer via the web-based programming tool on the AlarmNet 360® website
- Supports remote control of alarm systems via Resideo Total Connect Remote Services feature
- Multi-function test switch used to generate test messages, enter pairing mode (used during Wi-Fi module installation), and to reboot (reset) the communicator

*Source: AT&T and Verizon

LTEM-PA and LTEM-PV Advanced Modular Communicators

SPECIFICATIONS

PANEL COMPATIBILITY

DSC® PowerSeries™ Compatibility:
PC1616, PC1832, PC1864

Interlogix® NetworX Series Compatibility:
NX-8E, NX-4V2, NX-6V2, NX-8V2

Honeywell Home:
VISTA®-15P V9.12+,
VISTA-20P V9.12+,
VISTA-21iP V3.13+

Resideo:
VISTA-128BPT V10.0+,
VISTA-250BPT V10.3+

DIMENSIONS

9.1" (23.2cm) x 9.1" (23.2cm) x 2.2" (5.7cm)

WEIGHT

Without battery: 1.5 lbs (700g)
With battery: 3.3 lbs (1500g)

ELECTRICAL

Input power: 9VDC, 2.5 A

CURRENT DRAIN

Stand-Alone Unit:
70mA idle, 240mA average active

With PROLTE Module:
72mA idle, 240mA average active

With Wi-Fi Module:
74mA idle, 320mA average active

With Dialer Capture Module:
76mA idle, 245mA average active

Wi-Fi® and Dialer Capture Modules:
80mA idle, 325mA average active

POWER SUPPLY

9VDC Power Adapter included
(Part # 300-04705v1)

BACKUP BATTERY

4V, 6.5AH (Part # R300-11454)

EXPECTED BATTERY LIFE

5 Years (approx.)

NOTE: The sealed lead acid battery used for backup will have reduced life expectancy when exposed to elevated temperatures. The life of the battery at 77°F (25°C) is approximately 4 years. At 95°F (35°C) this will drop to 2 years and at 113°F (45°C) 1 year. Battery life expectancy should be taken into account when locating the radio.

RF

Antenna: Internal multi-Band antenna

ENVIRONMENTAL

Operating temperature:
32°F to 120°F (0°C to +49°C)

Storage temperature:
-104°F to 158°F (–40°C to +70°C)

Humidity: 0 to 95% relative humidity, non-condensing;
for UL installations 0% to 85%;
for ULC installations 0% to 93%

Altitude: Up to 10,000 ft. (3,048m)operating; to 40,000 ft. (12,192m) storage

DEVICES

78 Z-Wave® Plus Devices available when PROWIFIZWAVE module is added:

60 Lights, Water Valves, Shades

6 Thermostats

6 Locks

6 Garage Door Controls

APPROVALS

UL for the following Standards:

UL1610 Central-Station Burglar-Alarm Units

UL1023 Household Burglar-Alarm System Units

UL365 Police Station connected Burglar Alarm Units and Systems

ULC S304 Standard for Control units, Accessories and Receiving Equipment for Intrusion Alarm System

ETHERNET®

Network Standard: IEEE 802.3u compliant

Data Rate: 10Base-T (10Mbps) / 100Base-T (100Mbps) with auto detect

Ethernet Cable: Cat. 5 (min), MDI / MDI-X auto crossover

WIRE LENGTHS

ECP and BUS connection maximum wire lengths:

MINIMUM WIRE GAUGE	DISTANCE FROM CONTROL PANEL
#22	75 ft (23m)
#20	120 ft (27m)
#18	170 ft (52m)
#16	270 ft (82m)

EXTERNAL ANTENNA COMPATIBILITY

CELL-ANTHB
PROLTE-ANT
CELLANT3DBPK

Separate antenna adapter is needed if external antenna is used (Part # ADPT-LTEMP).

ORDERING

LTEM-PV	LTE® Cat M1 Cellular and Internet Communicator, Verizon (Available in US only)
LTEM-PA	LTE Cat M1 Cellular and Internet Communicator, AT&T
PROWIFIZW	Wi-Fi/Z-Wave Module for Wi-Fi connection to the internet and/or for control of home automation devices
PRODCM	Dialer Capture Module for use with control panels that send Contact ID signals via Dialer
PROWIFI	Wi-Fi Module for Wi-Fi connection to the internet

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For more information
resideo.com

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