



LTEM-PIA and LTEM-PIV LTE CAT M1 Cellular and Internet Communicator

For VISTA® Control Panels

This product is specified to meet UL 985 Standard For Household Fire Warning System Units.

Resideo is committed to providing the best alarm communication solutions for the security industry. Our LTEM-PI 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.

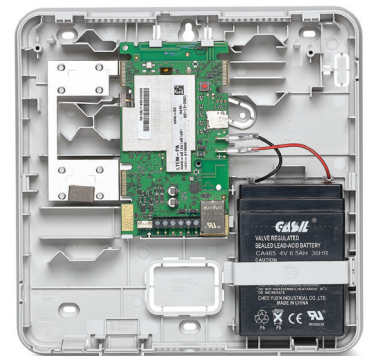
The LTEM-PI Communicators easily connect to customers' security system control panels and sends alarms and messages to AlarmNet for transfer to the central monitoring station.

The LTEM-PI Line includes the following models:

- LTEM-PIV (Verizon® network)
- LTEM-PIA (AT&T® network)



LTEM-PIA/LTEM-PIV



FEATURES

- Quick connection to Resideo 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
- 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 and to reboot (reset) the communicator

LTEM-PIA and LTEM-PIV LTE CAT M1 Cellular and Internet Communicator Specifications

SPECIFICATIONS

PANEL COMPATIBILITY

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

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

APPROVALS

UL for the following Standards:

UL 985 Standard For Household Fire Warning System Units

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-PIV	LTE® Cat M1 Cellular and Internet Communicator, Verizon (Available in US only)
LTEM-PIA	LTE Cat M1 Cellular and Internet Communicator, AT&T (Available in US only)



For more information
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