



Advanced Modular Communicator LTEM-PXA, LTEM-PXV, and IP-COM

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 IP-COM communicates via the Internet only.

The CAT-M1 LTE technology, used by leading carriers, has greater signal strength and power efficiency compared to CAT-1, 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.

The LTEM-P Line includes the following models:

- LTEM-PXV (Verizon® network)
- LTEM-PXA (AT&T® network)

The LTEM-P Line and IP-COM also support these optional plug-in modules:

- 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 without any optional add-ons.

Features & Benefits

- 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
- Powered by the control panel's 12VDC auxiliary output
- Supports dynamic or static IP addressing, and installs behind firewalls without compromising network security (Ethernet only, WIFI does not support STATIC addressing)
- Supports connection to the Internet via Ethernet cable or Wi-Fi (Wi-Fi requires installation of PROWIFIZW or PROWIFI module) – only one method can be used, Ethernet or Wi-Fi, not both
- Reports alarms and status messages via the Internet (LTEM-PX series communicators provide cell radio backup reporting)
- Allows uploading and downloading of VISTA control panel data
- Supports Remote Services feature, which allows the end user to access their security system from their computer via a website. Availability of this service is controlled by the dealer via the web-based programming tool on the AlarmNet 360 website
- Multi-function Test switch used to generate test messages, register the communicator with AlarmNet, enter Pairing mode (used during Wi-Fi module installation), reboot the communicator, and to reset the communicator to factory default settings

*Source: AT&T and Verizon

LTEM-PXA, LTEM-PXV and IP-COM 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

7.3" x 9.0" x 1.7" (18.6 cm x 22.8 cm x 4.4 cm)

WEIGHT

LTEM-PXV/LTEM-PXA: 16.5 oz. (468g)

IP-COM: 16.4 oz. (466g)

ELECTRICAL

Input power: 8VDC - 13.8VDC supplied by the control panel

CURRENT DRAIN

Stand-Alone Unit:

LTEM-PXA/PXV: 220mA average active

IP-COM: 190mA average active

With Wi-Fi Module:

LTEM-PXA/PXV: 275mA average active

IP-COM: 240mA average active

With Dialer Capture Module:

LTEM-PXA/PXV: 230mA average active

IP-COM: 200mA average active

Wi-Fi® and Dialer Capture Modules:

LTEM-PXA/PXV: 310mA average active

IP-COM: 275mA average active

BACKUP BATTERY

None

RF

Antenna: Internal multi-Band antenna (LTEM-PXA/PXV Only)

BLE internal antenna

ENVIRONMENTAL

Operating temperature:

32°F to 120°F (0°C to +49°C)

Storage temperature:

-40°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

These devices have been tested by ETL to meet the following standards:

UL 1610 Central-Station Burglar-Alarm Units

UL 1023 Household Burglar-Alarm System Units

UL 365 Police Station Connected Burglar Alarm Units and Systems

UL 985 Household Fire Warning System Units

CAN/ULC-S304:2016 (IP-COM only)

CAN/ULC-S545:2002 (IP-COM only)

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-LTEMPX).

ORDERING

| | |
|-----------|--|
| LTEM-PXV | LTE® Cat M1 Cellular and Internet Communicator, Verizon (Available in US only) |
| LTEM-PXA | LTE Cat M1 Cellular and Internet Communicator, AT&T |
| IP-COM | Internet-only communicator via Ethernet or optional Wi-Fi |
| 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 |

resideo

For more information
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