



# LTE-KCN Advanced Modular Communicator

## For VISTA and Competitive Control Panels

Resideo is committed to providing the best alarm communication solutions for the security industry. Our LTE<sup>®</sup> Communicators utilize the latest LTE technology to communicate with AlarmNet<sup>®</sup>.

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

**The LTE-KCN also support these optional plug-in modules:**

- Wi-Fi<sup>®</sup>/Z-Wave<sup>®</sup> 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



## Features & Benefits

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- 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 (LTE 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

# LTE-KCN Advanced Modular Communicator 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

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

## WEIGHT

510g

## ELECTRICAL

**Input power:** 12VDC supplied by the control panel

## CURRENT DRAIN

**Stand-Alone Unit:**

235mA average active

**With Wi-Fi®/ZW Module:**

290mA average active

**With Dialer Capture Module:**

245mA average active

**Wi-Fi/ZW and Dialer Capture Modules:**

325mA average active

## BACKUP BATTERY

None

## RF

**Antenna:**

Penta-Band diversity antennas  
BLE internal antenna

## ENVIRONMENTAL

**Operating temperature:**

0°C to +49°C (32°F to 120°F)

**Storage temperature:**

-40°C to +70°C (-40°F to 158°F)

**Humidity:** to 95% relative humidity,  
non-condensing;

for ULC installations 0% to 93%;

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

CAN/ULC-S304:2016 ed.3+R1 Control  
Units, Accessories and Receiving  
Equipment for Intrusion Alarm Systems

CAN/ULC-S545:2002 Ed.2 Residential  
Fire Warning System Control Units

## 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	23m (75 ft)
#20	37m (120 ft)
#18	52m (170 ft)
#16	82m (270 ft)

## EXTERNAL ANTENNA COMPATIBILITY

PROLTE-ANT

CELL-ANT3DB

## ORDERING

LTE-KCN	LTE® Cat-1 Cellular and Internet Communicator, Bell®
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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