

# AL-IME2-PIE

## PLUG-IN EXPANDER MODULE



### AL-IME2-PIE

The Trilogy® Networkx™ Plug-In Expander extends the coverage area of a Generation 2 Series AL-IME2 Gateway to Trilogy Networkx Locks within a PC network, allowing greater distances for the placement of up to a maximum rated capacity of 63 networkx locks per Version 2 Gateway.

Used in place of additional Gateways, each AL-IME2-PIE Expander, is simply plugged into a standard AC outlet, and can extend the Gen. 2 Gateway's coverage area by approximately 100 feet. (See range specs, at right.) Typically introduced into the network when a Gateway does not provide sufficient signal strength to a particular area, it is designed to extend coverage and thus facilitate communications with a wireless lock or a group of wireless locks.

The AL-IME2-PIE Expander must be used with a Generation 2 AL-IME2 Series Gateway, but can be intermixed in an existing system that includes older "non-version 2" Gateways. However, at least one Version 2 Gateway must be powered and online before an AL-IME2-PIE Expander will function within the network.

AL-IME2-PIE Expanders simply plug into an AC outlet and offer the most cost effective equipment- & labor-costs. (Versus conventional Gateways and Expanders, AL-IME2-EXP). They also provide a simplified 'Plug & Play' setup, where the Networkx system automatically identifies all newly-powered Expanders and quickly self-determines the best wireless signal pathways. Up to 7 Expanders can be added to support one Generation 2 Series Gateway. Each Gen. 2 Gateway and a maximum of seven (7) Expanders can be addressed as one group. There are a total of 99 addressable groups supported.

### AL-IME2-PIE Specifications

- Maximum of 7 AL-IME2-PIE Expanders per one Version 2 Series Gateway (Addressed as one group)

#### NETWORK RANGE

- Gateway/Expander to Locks: Clear field range 500'. Typical indoor range, Networkx 75- 175'; ArchiTech Networkx 50 -125'. *Note: Actual range varies with building construction.*
- Gateway/Expander to Expander: Clear field range 500'. Typical indoor range, 75 - 175'. *Note: Actual range varies with building construction.*

#### AL RADIO LINK

- 900 MHz GFSK
- 50 Channels
- 10 mW power output

#### POWER -

- Peak Supply Current: 650 mA
- Input Voltage: 5 - 6 volts AC
- Occupies one(1) 12VAC Outlet as External Power

#### AVERAGE POWER CONSUMPTION

- 1300 mW (WLAN mode; maximum data rate)
- 300 mW (WLAN mode; idle)
- 750 mW (Ethernet Mode)

#### ENVIRONMENTAL

- Operating Temperature: -20° to 60°C (-4° to 140°F)
- Storage Temperature: -40° to 85°C (-40° to 185°F)

#### PHYSICAL CHARACTERISTICS

- Enclosure Size 4.3"H x 2.5"W x .875"D (5"H with tab)
- Weight 0.35 lbs.

NAPCO Access Pro, Continental, Alarm Lock, Trilogy & Networkx are trademarks of NAPCO Security Technologies, Inc. Other marks remain intellectual property of their respective cos. ©2023.7 A693B

