

AL-IME2-EXP

EXPANDER MODULE



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The Trilogy® Networkx™ Expander extends the wireless coverage area of Gen 3 Gateways AL-IME3-80211 or -POE to Trilogy Networkx or ArchiTech Wireless Access Locks or Wireless Single-Door NetPanels within a PC network, allowing greater distances for their placement. (Each Gateway can control up to 63 locks or panels.).

(Expander also supports Gen. 2 Gateways)

Used in place of additional Gateways, each AL-IME2-EXP Expander can extend the 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 facilitate communications with a wireless lock, group of wireless locks &/or wireless 1-Door Networkx Access Panels.

The AL-IME2-EXP Expander can be used with either or both Gen. 2 or Gen. 3 Gateways, and may be intermixed. AL-IME2-EXP Expanders are more cost-effective and easier to wire than conventional gateways. They also provide a simplified 'Plug and 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 or 3 Series Gateway. Depending on the software platform chosen (Continental Enterprise, E-Access or Lenel OnGuard), each Gateway and a maximum of seven (7) Expanders can be addressed as one group. There are a total of 99 addressable groups supported (addressable by two rotary switches)

Also both Gen. 2 and 3 Gateways and matching AL-IME2-EXP Expanders have a new modern styling, and three LED indicators, blending into any decor, and are ceiling & wall mountable.

The AL-IME2 Expander is powered by an AC Adapter/6VAC Transformer.

AL-IME2-EXP Specifications

- Maximum of 7 AL-IME-EXP Expanders per one Version 2 or 3 Series Gateway (Addressed as one group)

NETWORK RANGE

- Gateway/Expander to Networkx Locks/NetPanels: Clear field range 500'. Typical indoor range, Networkx/NetPanel 75-175'; *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 - PROVIDED BY UL LISTED CLASS 2 TRANSFORMER

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

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 4.5"H x 6.0"W x 1.94"D
- Weight 0.5 lbs.

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