

# AL-IM3-80211

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## GATEWAY



### AL-IM3-80211 Generation 3 Gateway

The Trilogy® Networkx™ **AL-IM3-80211** Generation 3 Gateway Module includes a bi-directional radio, and interfaces Networkx locks with a PC network with hard-wire Ethernet and wireless 802.11. Similar in function to the original 802.11 and Generation 2 Networkx Gateway Modules, but is enhanced with additional extended potential range, supporting up to seven (7) Expanders (model **AL-IME2-EXP** Expanders). Each Expander can extend the **AL-IM3-80211** Gateway's coverage area by approximately 100 feet (see range specs, right). Also Generation 3 Gateways and matching Expanders have a new modern styling, internal antenna and three LED indicators, blending into any décor.

ALL methods previously used with Version 1 and 2 Gateways to make a wired or Wi-Fi connection to the customer's network can also be used with Version 3 Gateways. Version 3 Gateways are backwards-compatible, and CAN be mixed into an existing system that includes older Version 1 or Version 2 Gateways. Version 3 Gateways also include the added ability to expand your system with up to seven (7) **AL-IME2-EXP** Expanders. **Note:** **AL-IME2-EXP** Expanders cannot communicate with older "non-Version 2" Gateways. **DL-Windows Version 5.5.4** or later is required to support Version 3 Gateways and Expanders. The **AL-IM3-80211** Gateway is also compatible with Alarm Lock and Continental Access products (refer to the documentation supplied with your software for integration details for your specific product).

### **AL-IM3-80211 SPECIFICATIONS**

#### **WIRELESS SPECIFICATIONS**

Wireless Standards: IEEE 802.11b; 802.11g  
Frequency Range: 2.412 - 2.484 GHz  
Output Power: 14dBm + 1.5dBm/-1.0dBm  
Maximum Receive Level: -10dBm (with PER < 8%)  
Data Rates With Automatic Fallback: 54Mbps - 1Mbps  
Modulation Techniques: OFDM, DSSS, CCK, DQPSK, DBPSK, 64 QAM, 16 QAM

#### **NETWORK RANGE**

Gateway / Expander to Locks: Clear field range 500'.  
Typical indoor range: Networkx 75-175'; ArchiTech Networkx: 50-125'.

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  
10mW power output

#### **POWER** - Provided by UL Listed Class 2 Transformer

Peak Supply Current: 650mA  
Input Voltage: 5 - 6VAC

#### **AVERAGE POWER CONSUMPTION**

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

#### **ENVIRONMENTAL**

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

#### **PHYSICAL**

Enclosure Size: 4.5"H x 6.0"W x 1.94"D  
Weight: 0.5lbs.

#### **SOFTWARE SUPPORTED**

Trilogy Networkx supported by Alarm Lock DL-WINDOWS for centralized programming, database management and updates; free download available online. Optional Enterprise Real-Time Processing Solution choice of Lenel OnGuard® or Continental CardAccess® Integration.



**ALARM LOCK**  
[www.alarmlock.com](http://www.alarmlock.com)

# ALARM LOCK LIMITED WARRANTY

ALARM LOCK SYSTEMS, INC. (ALARM LOCK) warrants its products to be free from manufacturing defects in materials and workmanship for twenty four months following the date of manufacture. ALARM LOCK will, within said period, at its option, repair or replace any product failing to operate correctly without charge to the original purchaser or user.

This warranty shall not apply to any equipment, or any part thereof, which has been repaired by others, improperly installed, improperly used, abused, altered, damaged, subjected to acts of God, or on which any serial numbers have been altered, defaced or removed. Seller will not be responsible for any dismantling or reinstallation charges, environmental wear and tear, normal maintenance expenses, or shipping and freight expenses required to return products to ALARM LOCK. Additionally, this warranty shall not cover scratches, abrasions or deterioration due to the use of paints, solvents or other chemicals.

THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF. THERE IS NO EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR A WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE. ADDITIONALLY, THIS WARRANTY IS IN LIEU OF ALL OTHER OBLIGATIONS OR LIABILITIES ON THE PART OF ALARM LOCK.

Any action for breach of warranty, including but not limited to any implied warranty of merchantability, must be brought within the six months following the end of the warranty period.

IN NO CASE SHALL ALARM LOCK BE LIABLE TO ANYONE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES FOR BREACH OF THIS OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, EVEN IF THE LOSS OR DAMAGE IS CAUSED BY THE SELLER'S OWN NEGLIGENCE OR FAULT.

In case of defect, contact the security professional who installed and maintains your security system. In order to exercise the warranty, the product must be returned by the security professional, shipping costs prepaid and insured to ALARM LOCK. After repair or replacement, ALARM LOCK assumes the cost of returning products under warranty. ALARM LOCK shall have no obligation under this warranty, or otherwise, if the product has been repaired by others, improperly installed, improperly used, abused, altered, damaged, subjected to accident, nuisance, flood, fire or acts of God, or on which any serial numbers have been altered, defaced or removed. ALARM LOCK will not be responsible for any dismantling, reassembly or reinstallation charges, environmental wear and tear, normal maintenance expenses, or shipping and freight expenses required to return products to ALARM LOCK. Additionally, this warranty shall not cover scratches, abrasions or deterioration due to the use of paints, solvents or other chemicals.

This warranty contains the entire warranty. It is the sole warranty and any prior agreements or representations, whether oral or written, are either merged herein or are expressly cancelled. ALARM LOCK neither assumes, nor authorizes any other person purporting to act on its behalf to modify, to change, or to assume for it, any other warranty or liability concerning its products.

In no event shall ALARM LOCK be liable for an amount in excess of ALARM LOCK's original selling price of the product, for any loss or damage, whether direct, indirect, incidental, consequential, or otherwise arising out of any failure of the product. Seller's warranty, as hereinabove set forth, shall not be enlarged, diminished or affected by and no obligation or liability shall arise or grow out of Seller's rendering of technical advice or service in connection with Buyer's order of the goods furnished hereunder.

ALARM LOCK RECOMMENDS THAT THE ENTIRE SYSTEM BE COMPLETELY TESTED WEEKLY.

**Warning:** Despite frequent testing, and due to, but not limited to, any or all of the following; criminal tampering, electrical or communications disruption, it is possible for the system to fail to perform as expected. ALARM LOCK does not represent that the product/system may not be compromised or circumvented; or that the product or system will prevent any personal injury or property loss by burglary, robbery, fire or otherwise; nor that the product or system will in all cases provide adequate warning or protection. A properly installed and maintained alarm may only reduce risk of burglary, robbery, fire or otherwise but it is not insurance or a guarantee that these events will not occur. CONSEQUENTLY, SELLER SHALL HAVE NO LIABILITY FOR ANY PERSONAL INJURY, PROPERTY DAMAGE, OR OTHER LOSS BASED ON A CLAIM THE PRODUCT FAILED TO GIVE WARNING. Therefore, the installer should in turn advise the consumer to take any and all precautions for his or her safety including, but not limited to, fleeing the premises and calling police or fire department, in order to mitigate the possibilities of harm and/or damage.

ALARM LOCK is not an insurer of either the property or safety of the user's family or employees, and limits its liability for any loss or damage including incidental or consequential damages to ALARM LOCK's original selling price of the product regardless of the cause of such loss or damage.

Some states do not allow limitations on how long an implied warranty lasts or do not allow the exclusion or limitation of incidental or consequential damages, or differentiate in their treatment of limitations of liability for ordinary or gross negligence, so the above limitations or exclusions may not apply to you. This Warranty gives you specific legal rights and you may also have other rights which vary from state to state.