TriTeq KnexIQ Wireless Authentication Reader and Latch Control Module Instruction Manual

Contents

TriTeq KnexIQ Wireless Authentication Reader and Latch Control Module

Specifications

- Product Name: K ex Wireless Authentication Reader & Latch Control Module
- Power Source: DC or battery power (12 or 24 VDC powered)
- Compatibility: 125KHz & 13.56MHz RFID Prox cards, fobs, and stickers
- Installation: Externally mounted to enclosures & doors
- Control: Keypad, smartphone app, or enterprise portal

Product Usage Instructions

Installation:

Mount the K ex module externally on the enclosure or door using appropriate hardware.

Power Supply:

Connect the module to a DC power source (12 or 24 VDC) or use battery operation for power.

Setting Up User Parameters:

Access the web portal or smartphone app to set up user parameters such as access permissions and audit trails.

Lock Management:

Utilize ProxTraq or MobileTraq portal and apps for lock management, user administration, and viewing audit trails.

Compatibility:

Enroll users with 125KHz & 13.56MHz RFID Prox cards, fobs, and stickers. Use existing RFID devices for access.

Power Conservation:

The module features low power sleep mode to extend battery life.

- Boost your access control systems IQ by making any lock an intelligent lock. With the addition of a KnexiQ module, latches and door strikes become prox card, fob, smartphone and keypad enabled.
- Easily set up user parameters via a web portal or smartphone.
- Enjoy enterprise-wide management from anywhere while viewing audit trails and access attempts.

Latch mechanisms controlled:

- Southco, HES, Adams Rite and other industry standard latches and door stri

Set Up and Management:

- Multiple levels of connectivity allow the user to control via keypad, smartphone app, or enterprise portal.

Portal:

- ProxTraq or MobileTraq. (details on back page)

Smartphone App:

- ProxTraq, initializes and updates lock parameters and eliminates device programming.

Compatibility:

- Compatible with 125KHz & 13.56MHz RFID Prox cards, fobs and stickers.
- Use existing prox cards or RFID devices. Enroll hundreds of users.

Installation:

- Externally mounted to enclosures & doors.

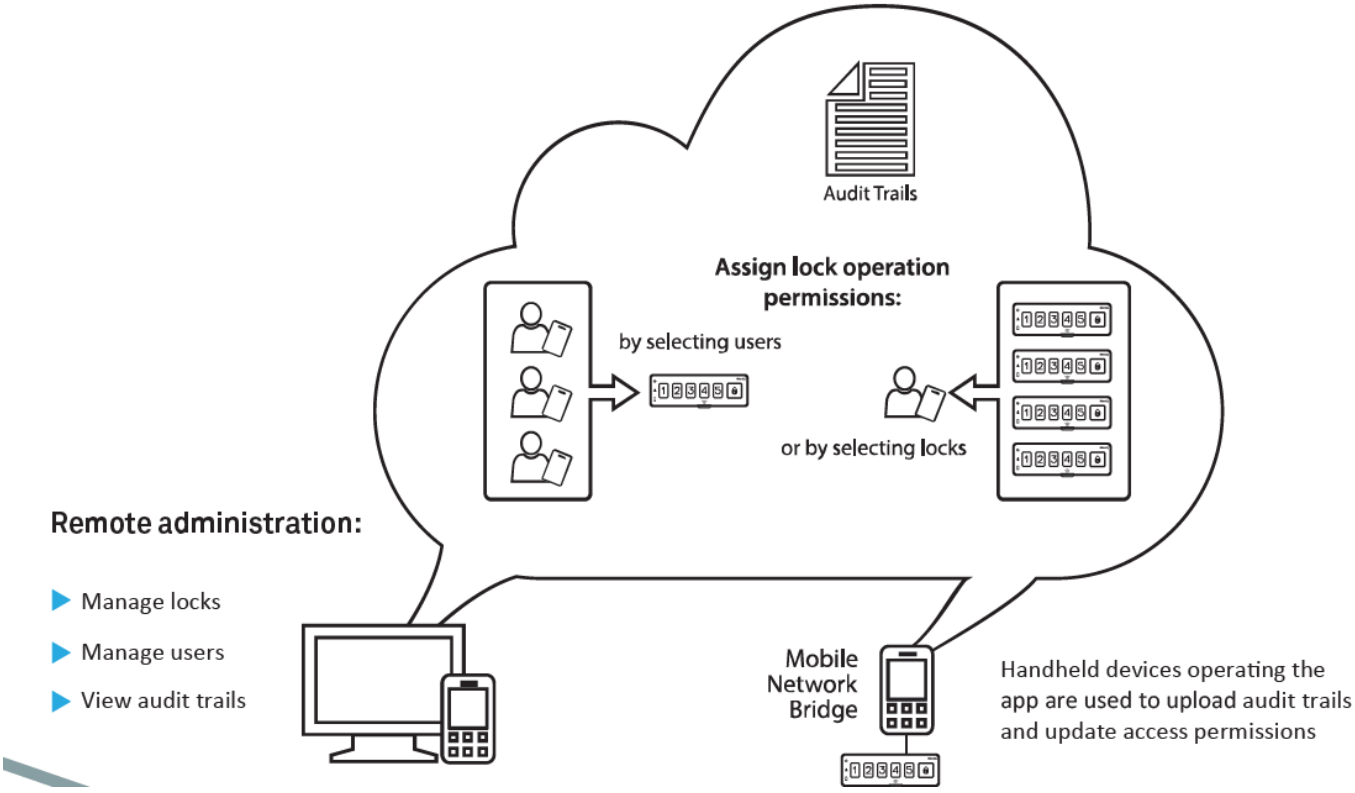
Power:

- 12 or 24 VDC powered or battery operation.

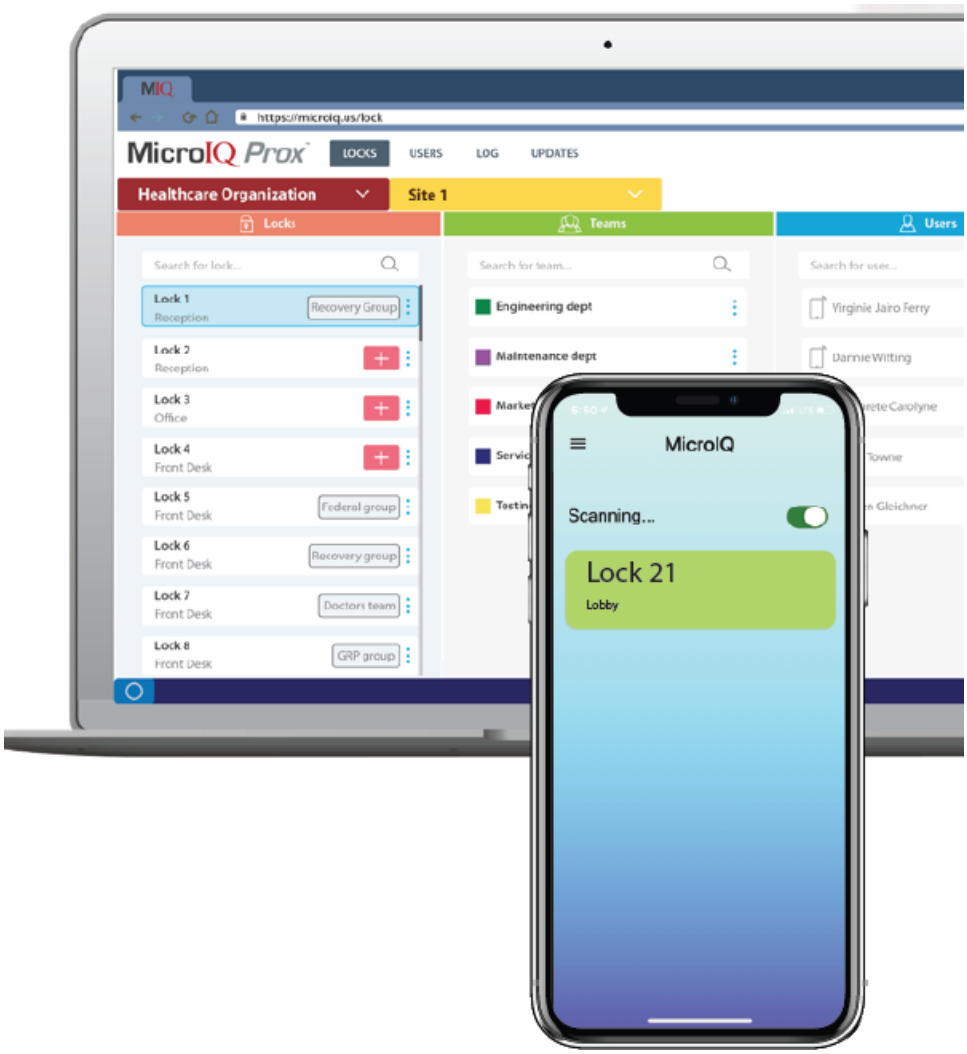
Power conservation:

- Low power sleep mode extends battery life.

Lock management via ProxTraq and cloud database:



Controllable



- Manage access with mobile app
- Add, modify, and remove locks, users, and privileges. View activity and history
- Conveniently manage hundreds of locks and users
- Security administration of othe enterprise from one portal, Remote enrollment of RFID cards
- Assign access parameters for each lock, employee, group, and location
- Track activity and generate audit trails

LOCK FUNCTIONS AND COMMANDS							
smartphone & tablet communication to lock	●		●	●		●	●
unlock command	●			●		●	●
change keypad codes	●	●					
switch operating modes	●	●					
update lock with updated parameters from portal			●				
locker locate & reserve						●	
locker rental & checkout						●	
item drop-off						●	

ADMINISTRATION							
commission & decommission locks into/out of service	●		●				●
manage lock access parameters	●	●			●		●
manage user access parameters		●					
enroll prox cards and assign to users	●	●					
select or complete prox card deletion	●	●					
enroll user for phone access		●			●		
upload audit trails, view & download	●	●					
set up and assign lock groups		●					
set up and assign employee teams		●					
set up account organizations and sites		●			●		
locker rental location & assignment					●		
locker rental billing					●		
rental & exchange membership					●		
pick-up & drop-off					●		
item exchange					●		
marketing, coupons, promotions					●		
no wiring or installed network equipment	●	●	●	●	●	●	●

FCC

FCC: This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. this device may not cause harmful interference, and
2. this device must accept any interference received, including interference that may cause undesired operation of the device.

MPE Statement: This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines in Supplement C to OET 65, and CFR 47, Section 2.1093. This equipment has very low levels of RF energy that it is deemed to comply without maximum permissive exposure evaluation (MPE).
Co-location: This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter. Information to User
Alteration or modifications carried out without appropriate authorization may invalidate the user's right to operate the equipment. Information to User: Alteration or modifications carried out without appropriate authorization may invalidate the user's right to operate the equipment.
Note:
This equipment has been tested and found to comply with the limits for a Class A digital device, under part 15 of the FCC Rules.
These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used following the instruction manual, may cause harmful interference to radiocommunications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

RSS —102 CAUTION: This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment and meets RSS-102 of the IC radio frequency (RF) Exposure rules. This equipment has very low levels of RF energy that it deemed to comply without maximum permissive exposure evaluation (MPE).

more info

- www.triteqlock.com
- sales@triteqlock.com

FAQ

- **1. What power sources are compatible with the K ex module?**
  - The module can be powered by DC (12 or 24 VDC) or by battery operation.
- **2. Can I enroll multiple users with different access permissions?**
  - Yes, you can enroll hundreds of users and set up different access parameters for each user via the web portal or smartphone app.
- **3. How do I update lock parameters and access permissions?**
  - You can update lock parameters and access permissions by utilizing the ProxTraq or MobileTraq portal and associated apps on Android & iOS devices.

Documents / Resources

	TriTeq KnexIQ Wireless Authentication Reader and Latch Control Module [pdf] Instruction Manual MIQPROX 2BDMF-MIQPROX, 2BDMFMIQPROX, KnexIQ Wireless Authentication Reader and Latch Control Module, KnexIQ, Wireless Authentication Reader and Latch Control Module, Latch Control Module, Control Module

References

- User Manual