

PC Based System

prox.pad plus IR

Wireless Infra-Red (IR) Communication Access System

OVERVIEW:

IEI's prox.pad plus IR is a fully integrated single door access system combining a proximity reader and keypad that is programmed using hand-held IR wireless communication. The prox.pad plus IR provides entry level to mid-sized access control functionality using two onboard relays and two inputs for request to exit and door position monitoring. Enhanced system functionality is achieved when managed with IEI's Hub Manager™ Professional software. The software allows the management of people and doors through fast and easy report creation and step-by-step wizards that assist in adding expanded feature functionality.

Communication is achieved through IEI's DTD (*Data Transfer Device*) hand-held infra-red (IR) wireless communication device. Users can transfer program data while retrieving transaction events from the prox.pad plus IR and LS2 Series locksets. The data is stored in internal memory, then transferred to a PC via a USB connection.

By using the proximity reader and keypad together, a higher level of security is achieved by requiring both to grant access. The prox.pad plus IR can be directly mounted to a single gang electrical box or to most flat surfaces. The proximity reader is capable of being mounted up to a maximum of 10 feet away from the prox.pad plus IR.

The prox.pad plus IR provides managed card access in places that otherwise may not be possible.



PRODUCT HIGHLIGHTS:

- Ideal for entry level to mid-size applications requiring access control functionality
- Hand-held Infra-Red wireless data communication.
- Integrated door control, HID compatible proximity reader and keypad.
- Proximity reader can be mounted up to 10' from the controller for secure installations.
- HubManager™ Professional software included.

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FEATURE SUMMARY:

- Integrated HID proximity reader and keypad
- Hand-held Infra-Red (IR) Wireless communications
- Glass mount kit included
- 2000 users
- 2000 local transaction storage
- 2 onboard Form C relays
- Hub Manager™ Professional software compatible [7.2 or greater]
- Scalable 32 doors per site
- Card, code, card and/or code capabilities
- Proximity reader can be mounted up to 10 feet from controller
- Midnight crossing time zones & holiday scheduling
- Door monitor and request to exit inputs
- Auxiliary output for forced or propped door or alarm shunt
- Daylight savings time auto update [2007 standard]
- Error lockout
- Expanded user types, including single use and lockout
- Door operates normally during import/export.

SPECIFICATIONS:

- Power Requirements
 - Voltage: 12-24 VDC filtered & regulated only
 - Current draw: 70mA @ 12 VDC
- Inputs
 - Door position monitor - Normally closed dry contact
 - Request to exit (REX) - Normally open dry contact
- Outputs
 - Main relay: Form C, 2 Amp
 - Auxiliary relay: Form C, 1 Amp
 - Local sounder: 4000 Hz, defeatable
 - Status indicators: (1) bicolor (green & yellow) LED
- Mechanical
 - Case: 5.25" H x 2.75" W x 1.37 D
 - Reader
- Wiegand format
 - 26 - 40 bit 125 kHz
- Environmental
 - Temperature range -20 to 130F (128 to 54C)
 - Operational humidity 5% to 95% relative, non-condensing
- Communication
 - Infra-red (IR)
- Capacities:
 - Users: 2000
 - Event storage: 2000

ARCHITECTURAL & ENGINEERING SPECS:

The access system devices will be completely integrated and combined into a single door controller, proximity reader, and keypad. System configuration for doors and users will be via a PC software application which will include a task list clipboard and video tutorial support for operator and installer. The software can be automatically updated to the most current factory revision using eh iUpdate web tool.

The software will manage up to 32 doors per site and up to 99 sites. Each access system device will have an IR communication port. Communication of data to and transactions from each door will be accomplished completely without wires using eh hand-held Data Transfer Device which connects to the PC application via USB port and has an IR port for communication with each access system device.

Note: For a complete list of system features and functionality, please visit ieib.com

BENEFITS:

- No communication wiring needed, resulting in faster and less costly installation
- Lower total system installation cost.
- Integrated door control, proximity reader and keypad provide a fast complete system installation.
- Hub Manager™ Professional software is included for expanded system functionality.

RECOMMENDED ACCESSORIES:

DTD
(Data Transfer Device)



PWRTMPR-12



**26-Bit Proximity
credentials:**

- DTD Hand-held IR wireless communication device
 - Export directly from HubManager Professional™ into the DTD. No other operation needed to pass the data to the DTD.
 - Field sensitive communication LED lets you know the communication range.
 - Compatible with the prox.pad plus IR & LS2 series locksets.
- PWRTMPR-12 filtered & regulated tamper power supply
 - Provides secure installations for stand alone access control devices.
 - Tamper loop senses if the keypad has been removed via a set of normally closed contacts and disables the ability to unlock the door.
- 26-Bit Proximity credentials:
 - ISOPROX printable cards (25 package)
 - PROXKEY fobs (25 package)
 - PROXCARD II card (25 package)
 - MICROPROX adhesive back tags (20 package)

ORDERING INFORMATION:

Marketing #	Description
prox.pad plus IR	prox.pad plus - with IR communication - Fully integrated single door access control system combining keypad and proximity technology. Up to 2000 users per door with network capacity up to 32 doors per site via IR communications using PDA for data transport and Hub Manager™ Professional software (included). 2000 event buffers, real-time clock, 12-24 VDC operating power.
DTD	Hand-held DATA TRANSFER DEVICE for wireless infrared (IR) transfer of data and retrieval of stored events from the software managed prox.pad plus IR and LS2/P Series wireless access control locksets. Data is saved to an internal memory for transfer to a PC via USB connection. Powered by 4 "AA" batteries (included). Includes Hub Manager™ Professional software, USB cable & 4 "AA" batteries.
PWR/TMPR12P	Access system power supply with tamper circuit - in cabinet. 1 amp, 12 volt AC/DC. Includes tamper switches and transformer.
ProxCARD II	HID Compatible - ProxCARD II Cards - (25 package only)
ISOProx	HID Compatible - ISOProx Card - (25 package only)
ProxKey	HID Compatible - ProxKey Key Fob - (25 package only)
Microprox	HID MicroProx Tag 125 kHz proximity tag with adhesive back - (20 package only)

