

Stand Alone Access Control

iLSE & iLR Backlit Heavy Duty Keypads

OVERVIEW:

The illuminated sealed environment (iLSE) and ruggedized (iLR) style keypads use a backlit numeric keypad so users are able to confidently enter their PIN without the need for auxiliary lighting in dimly lit situations. The sealed environment (iLSE) has a brushed metal housing that has been treated to resist corrosion and a bi-color LED to indicate operation. The ruggedized (iLR) style keypad features a cast aluminum housing and all metal faceplate that has been treated with polyurethane to increase its protection from corrosion. Each keypad is designed to be used in either indoor or outdoor installations with a wide range of mounting options.

Available in two modes of functionality:

The 212 Series is designed for basic access or code control for up to four individual devices, and one input from a request to exit loop. These keypads are the perfect choice for controlling electric locks or magnetic locks, security systems, elevator control, gate controls or other types of equipment requiring on/off or momentary control inputs.

The 232 Series is designed to meet most residential, commercial, and industrial single door access control requirements. Each 232 keypad provides two inputs and four outputs, factory set access control. The four outputs are for lock control, door forced, door ajar and alarm shunt. By utilizing the door monitoring input, the "Auto-relock" feature will automatically relock the door when the door is closed, preventing tailgating while waiting for a timed relay to de-energize.



*iLSE-Style
Illuminated Sealed
Environmental*

*iLR-Style
Illuminated Ruggedized*

PRODUCT HIGHLIGHTS:

- Available in two stand alone functionality modes.
- Features Auto Voltage Sensing (AVS) a unique IEL power feature that does not require any adjustments for different input voltages. The product recognizes the voltage and adjusts automatically .
- 4 onboard Form C dry contact relays.
- Illuminated backlit numeric keypad.

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FEATURE SUMMARY:

- Indoor/outdoor weather resistant, self-contained metal housing
- Backlit numeric keypad
- Surface mount vandal resistant design
- One piece housing suitable for wall, post, or gooseneck mounting
- 212 Series - 4 on board programmable SPDT timed relays
- 232 Series - 1 SPDT 2 amp relay and 3 - 1 amp SPDT access relays
- Door Position Monitoring - 232 mode
- Sounder for key press and alert conditions.
- All programming is done from the keypad - no programmer required
- 12 - 24 VDC/AC Auto Voltage Sensing (AVS) equipped

SPECIFICATIONS:

- Power Requirements
 - Voltage: 12-24VDC/AC
 - Current draw: 161mA @ 24 VAC
- Inputs
 - Door position monitor (232 mode only) - Normally closed dry contact
 - Request to exit (REX) - Normally open dry contact
- Outputs
 - Main relay: 2 Amp, 12 - 24 VAC/DC
 - Auxiliary relays (K2, K3, K4): 1 Amp, 12 - 24 VAC/DC
- Capacities:
 - Users: 120
 - Events: None
- Mechanical
 - Case dimensions:
 - 3.75"W x 5.25"H x 2.50"D - iLR
 - 3.00"W x 4.50"H x 1.55"D - iLSE
- Data format
 - None
- Environmental
 - Indoor/Outdoor
 - -4°F to 140°F (-20°C) to (60°C)
- Communication
 - None

BENEFITS:

1. Illuminated backlit keypad does not require an additional light source for PIN entry.
2. Notifies vandals of security system presence.
3. Two flexible modes of operation to fit the needs of the application.
4. Two style choices fit most installation requirements.

RECOMMENDED ACCESSORIES:**PWRTMPR-12****Pips**

- PWRTMPR-12 - a filtered & regulated tamper proof 12VDC/16VAC 1 amp board power supply
- Pip12VDC – 12VDC 1 amp plug in transient protected transformer.
- Pip 24VDC – 24VDC 1 amp plug in transient protected transformer.
- Pip 12VAC – 12VAC 40VA plug in transient protected transformer.
- Pip 16.5VAC – 12VAC 40VA plug in transient protected transformer.
- Pip 24VAC – 24VAC 40VA plug in transient protected transformer.

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

ORDERING INFORMATION:

Marketing #	Description
232iLR	Rugged, heavy duty, weatherproof keypad in aluminum case with metal face. Wall, post, or gooseneck mount. Vandal resistant. Durable metal illuminated backlit keys. White.
232iLSE	Sealed environmental, weatherproof keypad in die cast aluminum case. Surface mount. Vandal resistant. Durable metal illuminated backlit keys.
212iLR	Rugged, heavy duty, weatherproof keypad in aluminum case with metal face. Wall, post, or gooseneck mount. Vandal resistant. Durable metal illuminated backlit keys. White.
212 iLSE	Sealed environmental, weatherproof keypad in die cast aluminum case. Surface mount. Vandal resistant. Durable metal illuminated backlit keys.
PWRTMPR12	Access Control Power Supply with Tamper Module - board level Provides filtered and regulated 1 amp, 12 volt power. Switch selectable AC/DC. Built-in suppression for locking mechanism.
PIP12VDC	PIP: Plug-in-Power Supply 12VDC - Auto Resetting Poly Fuse
PIP24VDC	PIP: Plug-in-Power Supply 24VDC - Auto Resetting Poly Fuse
PIP12VAC	PIP: Plug-in-Power Supply 12VAC - Auto Resetting Poly Fuse
PIP16VAC	PIP: Plug-in-Power Supply 16.5VAC - Auto Resetting Poly Fuse
PIP24VAC	PIP: Plug-in-Power Supply 24VAC - Auto Resetting Poly Fuse

