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IKE Keypad LCD Display Unit *Integrated Keypad Electronics*

Features and Benefits

The IKE Keypad LCD Display Unit is a cost effective burglar alarm/IDS solution that is easily integrated as part of any GE Security Diamond II or Sapphire Pro Access Control and Security Management system. IKE Keypads provide enhanced arming and disarming and delayed entry/exit capability for security areas by leveraging the Delayed Alarm Reporting/Masking feature of Diamond II and Sapphire Pro. The IKE may also be used for keypad access control.

The IKE Keypad LCD Display Unit directly connects to the reader port of any ACUXL16, ACURS2 or ACURS4 Networked Intelligent Controller panel through multi-drop RS485. A reader interface is not required since all interface electronics are self contained within the IKE Keypad LCD Display Unit.

Burglar Alarm/IDS

A built-in 32 character LCD display shows security area status, prompts the user for arming and disarming functions, and can display access control related messages. Red, yellow and green status LEDs provide at-a-glance status display for viewing and from a distance. A built-in piezo buzzer provides feedback for arming and disarming functions, and annunciates door forced open and door held open alarm conditions.

The IKE's 16-button 4x4 keypad includes up and down arrows that allow the user to quickly scroll through a list of any active alarms shown on the LCD display. ON and OFF buttons are used to arm and disarm an area.

Access Control

The IKE Keypad LCD Display Unit includes a built-in reader interface that is compatible with industry-standard Wiegand-output card readers, and with several styles of magnetic stripe card readers. The reader interface includes supervised door contact and request-to-exit (REX) Inputs, and a relay for controlling a door locking device. The IKE also includes one auxiliary output relay and two auxiliary supervised alarm inputs.

IKE models are also available with a magnetic stripe reader.



Standard Features

- **True burglar alarm/IDS functionality.**
- **Access control capable.**
- **Direct connects with an ACU over an RS485 bus (no reader interface electronics required).**
- **Can be located up to 4,000 feet from the ACU.**
- **Includes an integral 16-button keypad with dedicated keys for burglar alarm/IDS functionality.**
- **Built-in 32 character LCD display provides status and prompts arming and disarming.**
- **2 UL Grade-AA supervised inputs provide door contact and request-to-exit monitoring for access control applications.**
- **2 additional UL Grade-AA supervised auxiliary alarm inputs for monitoring of motion detectors, additional door contacts and devices.**
- **2 single-pole Form-C control relays. One controls an electric locking device when the IKE is used for access control applications. Contacts rated at 2 amp at 30 VDC.**
- **Monitored enclosure tamper switch.**
- **12 VDC .5 amp auxiliary power output.**
- **5 VDC .4 amp auxiliary power output.**
- **Built-in piezo buzzer provides feedback and local annunciation.**
- **RJ-45 jack provided for connection of remote readhead. Supports most magnetic, proximity, smart card and barcode readheads.**

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Specifications

Dimensions

- Height: 5.3" (13.4 cm)
- Width: 3.9" (9.9 cm)
- Depth: 1.6" (4.0 cm)

Environmental

- Maximum: +60 C (+140 F)
- Minimum: 0 C (+32 F)
- Humidity: 10 to 95% noncondensing

Power

- 24 VDC at 70 mA (nominal) not including locking device current draw
- .013 amp per energized relay

Location

- Interior



GE Security

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