Protege Touch Sense LCD Keypad

The Protege Touch Sense LCD Keypad provides a sleek, user friendly human interface to the Protege Integrated System, an advanced technology security product providing seamless and powerful integration of access, security and building automation.

Feature Highlights

> Sleek and stylish, the Protege Touch Sense LCD Keypad fits in with modern decor and provides a user friendly interface to the Protege system

> Securely login with user codes from 1 to 8 digits with support for card reader and PIN code operation

> Intuitive menu function allows scrollable options according to user security level with quick access short cut keys for the power user

> Dual code and master code provider functions for secure ATM and banking vault area access with automatic timeout and delayed opening functions

> Capacitive touch sense keypad

> Individual reportable duress code trouble for each Protege Touch Sense LCD Keypad

> Activation of 3 reportable panic events (panic, medical and fire)

> Smoke detector reset provided on clear and enter keys selectable for an output or output group

> Available in white or black

Arming/Disarming

The keypad allows a user to arm and disarm an area or group of areas:

> Area progress is shown on the LCD display with user friendly plain text messages displayed to the user as it guides them through the arming or disarming procedure

> Easily view open system inputs during the pre-arming phase

> Local display of user area for quick arming and disarming confirmation

> Direct input bypass option

System Object Control and Monitoring

Monitoring of all objects within the system can be achieved from the keypad:

> Monitor the status of any door, user (anti-passback), input, output, or schedule directly

> Offline functions allow quick key menu functions to be performed on objects used for automation (lights, HVAC, electric gates and doors)

> Single automation quick key for REX (Door Request to Exit) or output activation

Auto Logout Confirmation

The keypad can be programmed for a custom auto logout time specific to each station.

Connectivity and System Expansion

Expanding the Protege system with local input and output) from the keypad allows convenient cost effective expansion and the added benefit of:

> 4 inputs (input duplex) can be used to perform any system alarm and automation functions with a dedicated enclosure tamper switch

> 1 low current output for driving any signaling device

> Intelligent backlight to minimize power consumption

> Configuration and addressing of the keypad is achieved by a simple easy to follow configuration menu available during initialization

Communication

Single RS-485 communication interface port used for all network communication functions and interconnection to other modules.

Upgradable Firmware

Utilizing the latest flash technology and high performance communication mediums, the firmware can be updated using the Loadit utility over the system module network.

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Technical Specifications

Operating Voltage	11.0VDC to 14VDC
Operating Current	60mA (95mA Max)
User Interface Display	Energy smart backlit LCD 16x 2 alphanumeric display with enhanced viewing angle
User Interface Keypad	Combined 23 key capacity touch keypad with 3 system status LEDs
Inputs	2 inputs as standard or 4 if using input duplex mode 1 tamper (PCB mounted external micro switch assembly)
Outputs	1 open collector (negative, 50mA Max) output. Programmable for all output functions
Operating Temperature	0°-50°C (32° - 122°F)
Storage Temperature	-10°- 85°C (14° - 185°F)
Humidity	0%-93% non-condensing, indoor use only (relative humidity)
Dimensions	125 x 125 x 18mm (4.92 x 4.92 x 0.71")
Weight	318g (11.21oz)

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Designers and manufacturers of integrated electronic access control, security and automation products