



## Protege Touch Sense LCD Keypad



The Protege Touch Sense LCD Keypad provides a sleek, user friendly human interface to the Protege integrated system, providing seamless and powerful integration of access control, security and building automation.

In addition to sophisticated access features the keypad incorporates system monitoring and control. Authorized users are able to perform arming and disarming, monitor inputs, control outputs and manage user access, all from the convenience of the keypad.

### Feature Highlights

- > Securely log in with customizable user codes
- > Support for dual credential authentication with ID and PIN or card reader and PIN
- > Customizable display options
- > Users conveniently update PIN codes at the keypad
- > Time & attendance display option
- > Intuitive menu provides scrollable options according to user security level, with quick access 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
- > Individual reportable duress code for each LCD Keypad
- > Activation of a reportable panic event

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## 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, which guides the user through the arming or disarming procedure with user friendly plain text messages
  - > Easily view open system inputs during the pre-arming phase
  - > Local display of user area for quick confirmation of arming and disarming
  - > Direct input bypass option
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## Auto Logout Confirmation

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

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## 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 (antipassback), input or output directly
  - > Offline functions allow quick key menu functions to be performed on objects used for automation (lights, HVAC, gates, doors)
  - > Single automation quick key for REX (Door Request to Exit) or output activation
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## Time & Attendance

The Time & Attendance feature enables entry, exit, and even break times to be displayed on the keypad, providing users with a clear and definitive view of their recorded start and finish times.

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## Dual Credential Security

To provide an increased level of security, a site can be configured to require dual credential authentication for user access to keypads.

A reader can be added to require both card and PIN validation, or the keypad can be configured to require both user ID and PIN.

The site can also specify PIN complexity rules and enforce automatic periodic PIN expiry to ensure regular changing of PIN codes.

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## Connectivity and System Expansion

Expanding the Protege system with local input and output from the keypad allows convenient and cost effective expansion with these additional benefits:

- > 4 inputs which 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
  - > Configuration and addressing of the keypad is achieved by an easy to follow configuration menu available during initialization
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## Communication

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

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## Optional Surface Mount Box

This optional accessory allows you to mount the keypad projected from the wall, providing space for an external conduit.

The surface mount box is ordered separately using the following product code:

- > Touch Sense LCD Keypad Surface Mount Box: KLCS-SMB

## Technical Specifications

Ordering Information	
PRT-KLCS	Protege Touch Sense LCD Keypad
Power Supply	
Operating Voltage	11VDC to 14VDC
Operating Current	60mA (95mA Max)
User Interface	
User Interface Display	Energy smart backlit LCD 16 x 2 alphanumeric display with enhanced viewing angle
User Interface Keypad	Combined 23 key capacitive touch keypad with 3 system status LEDs
Inputs and Outputs	
Inputs	2 standard or 4 using Input Duplex mode
Outputs	1 open collector (50mA Max) output. Programmable for all output functions. 3 system status LEDs 1 system beeper
Dimensions	
Dimensions (H x W x D)	125 x 125 x 20mm (4.92 x 4.92 x 0.79")
Weight	192g (6.77oz)
Keypad with Surface Mount Box (H x W x D)	125 x 125 x 48mm (4.92 x 4.92 x 1.9")
Net Weight (Surface Mount Box)	110g (3.9oz)
Gross Weight (Surface Mount Box)	150g (5.3oz)
Operating Conditions	
Operating Temperature	UL/ULC 0° to 49°C (32° to 120°F) : EU EN -10° to 55°C (14° to 131°F)
Storage Temperature	-10° to 85° C (14° to 185° F)
Humidity	0%-93% non-condensing, indoor use only (relative humidity)

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## Regulatory Notices

### **RCM (Australian Communications and Media Authority (ACMA))**

This equipment carries the RCM label and complies with EMC and radio communications regulations of the Australian Communications and Media Authority (ACMA) governing the Australian and New Zealand (AS/NZS) communities.

### **AS/NZS 2201.1 Class 5**

Protege systems conform to AS/NZS 2201.1:2007 Class 5 intruder alarm systems standards for the construction, operation, performance and installation of intruder alarm equipment and systems installed in clients' premises.

### **CE - Compliance with European Union (EU)**

Conforms where applicable to European Union (EU) Low Voltage Directive (LVD) 2014/35/EU, Electromagnetic Compatibility (EMC) Directive 2014/30/EU, Radio Equipment Directive (RED) 2014/53/EU and RoHS Recast (RoHS2) Directive: 2011/65/EU + Amendment Directive (EU) 2015/863.

This equipment complies with the rules of the Official Journal of the European Union, for governing the Self Declaration of the CE Marking for the European Union as specified in the above directives.

Security Grade 4, Environmental Class II, EN 50131-1:2006+A2:2017, EN 50131-3:2009, EN 50131-6:2008+A1:2014, EN 50131-10:2014, EN 50136-1:2012, EN 50136-2:2013, EN 60839-11-1:2013, Power frequency magnetic field immunity tests EN 61000-4-8, Readers Environmental Class: IVA, IK07.

### **UL/ULC (Underwriters Laboratories)**

- > UL1610 for Central-Station Burglar-Alarm Units
- > UL294 for Access Control System Units
- > CAN/ULC S304 for Signal Receiving Centre and Premise Burglar Alarm Control Units
- > CAN/ULC S319 for Electronic Access Control Systems
- > CAN/ULC S559 for Fire Signal Receiving Centres and Systems

### **Industry Canada**

ICES-003

This is a Class A digital device that meets all requirements of the Canadian Interference-Causing Equipment Regulations.

CAN ICES-3 (A)/NMB-3(A)

### **Federal Communications Commission (FCC)**

FCC Rules and Regulations CFR 47, Part 15, Class A.

This equipment complies with the limits for a Class A digital device, pursuant to Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference; (2) This device must accept any interference received, including interference that may cause undesired operation.

- > For a full regulatory and approval list please visit the ICT website.

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