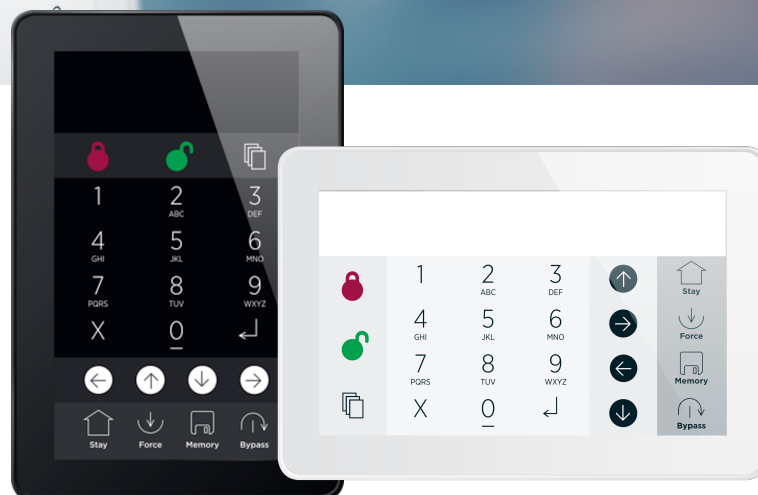




Protege LCD Touchscreen Keypad



The Protege LCD Touchscreen 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

- > Capacitive touchscreen display
- > Securely log in with customizable user codes
- > Support for dual credential authentication with ID and PIN or card reader and PIN
- > Users conveniently update PIN codes at the keypad
- > Advanced users can add, modify and delete users to quickly provide or withdraw user access
- > Time & attendance display option
- > Intuitive menu provides scrollable options according to user security level, with quick access keys for the power user
- > Individual reportable duress code for each Touchscreen Keypad
- > Activation of a reportable panic event
- > Customizable display options
- > Selectable dark or light keypad configuration
- > 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, 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.

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.

User Management

User management functionality provides a quick and convenient way to manage users at the keypad.

Users can change their PIN code at any time, and enforced periodic expiry of PIN codes can be configured to improve system security.

Authorized users are able to add new users with immediate access, modify incorrect user settings, and delete user records to immediately withdraw access.

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.

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.

Technical Specifications

Ordering Information	
PRT-TS50-STD-B	Protege LCD Touchscreen Keypad - Black
PRT-TS50-STD-W	Protege LCD Touchscreen Keypad - White
Power Supply	
Operating Voltage	11-14VDC
Operating Current	260mA (340mA Max)
User Interface	
User Interface Display	480 x 800 Color LCD display
User Input	5" capacitive touchscreen
Inputs	
Inputs	2 standard or 4 using Input Duplex mode
Outputs	
Outputs	1 open collector (50mA Max) output. Programmable for all output functions 2 system status indicators 1 system beeper
Dimensions	
Dimensions (L x W x H)	131 x 90 x 20mm (5.15 x 3.54 x 0.77")
Weight	192g (6.77oz)
Operating Conditions	
Operating Temperature	-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)

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.

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.

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.

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)

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

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Designed & manufactured by Integrated Control Technology Ltd.

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