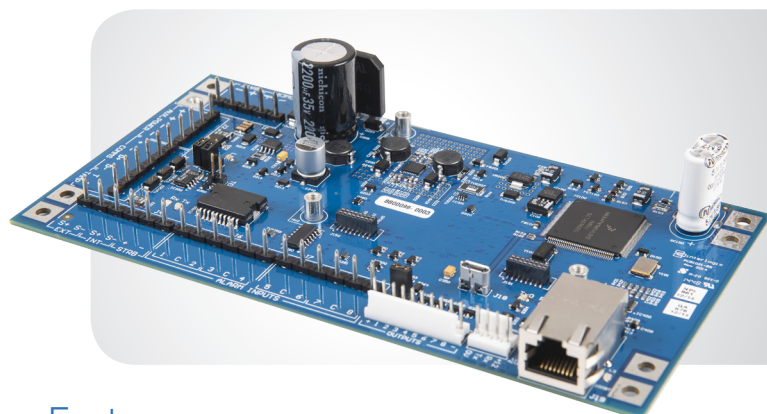


# ChallengerLE Control Panel



## Overview

The ChallengerLE control panel is a cost-effective intrusion panel with a small footprint, allowing installation in locations where space is at a premium.

Despite the small size, ChallengerLE contains many advanced features you would expect in a Tecom system. These include native Ethernet, mobile app support, C-Bus\* integration, 3G expansion module support and management software connectivity.

The ChallengerLE complements the family of control panels, fitting seamlessly into the Challenger ecosystem. It is fully compatible with all peripherals and Tecom software packages. The ChallengerLE uses the same peripherals and has an identical user interface, removing the need to retrain staff already familiar with the Tecom Challenger platform.

The ChallengerLE is a versatile product suitable for use in small, standalone or large networked systems. Small sites may also wish to use the Tecom Mobile app for basic site control. Large customers can elect to connect multiple ChallengerLE panels into management software as an integrated system.

## Resources

The Tecom Challenger portfolio provides a number of options to ensure your security needs are met. The resource library at [www.interlogix.com.au](http://www.interlogix.com.au) contains all the information you'll ever need.

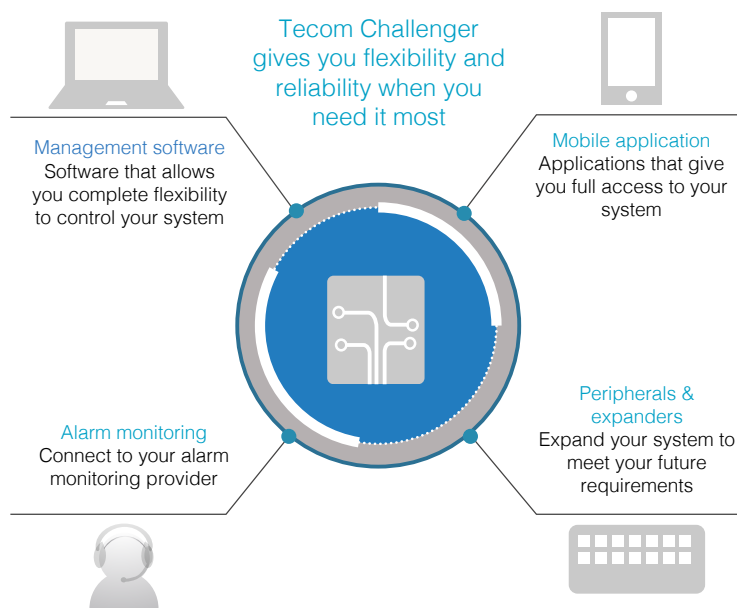
Don't forget to visit [www.interlogix.com.au/downloads](http://www.interlogix.com.au/downloads) to download the latest software and firmware versions.

Download  
Tecom Mobile  
today



## Features

- On-board Ethernet, USB and RS-232 with optional 3G expansion module for ultimate connectivity
- Fully flexible communications with options for simultaneous and redundant reporting to monitoring stations, management software and third-party systems
- Small form factor
- iOS and Android mobile app for simple and convenient operation
- High-level integration to building automation (C-Bus)
- Full text descriptions of panel items (e.g. users, inputs, areas, doors, etc.) are stored in the panel
- Fully backwards compatible with most Challenger V8 peripherals
- Upgrade via remote flash firmware
- Support for multiple end-of-line (EOL) resistor values for economical upgrade from other alarm systems



\* C-Bus is a registered trademark of Schneider Electric (Australia) Pty Ltd

# ChallengerLE

## Specifications

Interlogix  
National Sales Enquiries  
1300 361 479

Ground Floor  
10 Ferntree Place  
Notting Hill, Victoria 3168  
T: +61 3 239 1200  
W: [www.interlogix.com.au](http://www.interlogix.com.au)

System Capacity	
Users	100 (not expandable)
Areas	16
Area groups	32
Alarm groups	42
Door groups	16
Floor groups	n/a
Inputs	40 physical (8 on-board + 32 via one fully expanded DGP), 8 logical
Relays	32
Time zones	24, with 8 parts
Soft time zones	16
Holidays	24
Holiday types	8
Macro logic programs	16
Automation zones	20
Alarm history events	500
Access history events	500
RS-485 LANs	1
DGPs	1 (non-intelligent)
RAS	16
Expansion slots	1 (large)
Communication paths	10 simultaneous
Outputs on board	Two 8 Ohm sirens internal and external, 1 strobe. The external siren is monitored for tamper conditions.
Communications	
Connection options	Ethernet interface (onboard) USB (onboard) RS-232 (onboard) 3G (optional plug-in expansion module)
Reporting formats	Contact ID, Computer polled, Computer event driven, IP Receiver, Securitel STU, Printer, C-Bus, Mobile device.
Physical and Environmental	
Operating temperature	0 to 50°C
Relative humidity	0 to 90% noncondensing
Dimensions in enclosure (W x H x D)	263 x 261 x 77 mm
Weight	2.84kg
Regulatory Compliance	ACMA: C-Tick for Australia and New Zealand
Electrical	
Input voltage to PCB	16 – 18VAC
Battery test	Dynamic battery testing
Fuse Protection	Individual PTC (Positive Temperature Coefficient) fuse protection for: LAN, battery, auxiliary and internal siren, plug pack, external siren and strobe, relay expansion and J15 serial
Current Consumption	
Total current limit	1.5A
Operating current	100mA (Typical)
Auxiliary current	700mA (Max.)
Battery charging	300mA (Max.)

## Ordering information

TS1016LE	ChallengerLE panel
----------	--------------------

Specifications subject to change without notice.

Copyright © 2015 UTC Fire & Security Australia Pty Ltd.

All rights reserved.

UTC Fire & Security Australia Pty Ltd trading as Interlogix is a UTC Building & Industrial Systems company.



ChallengerLE-DS-151006-1