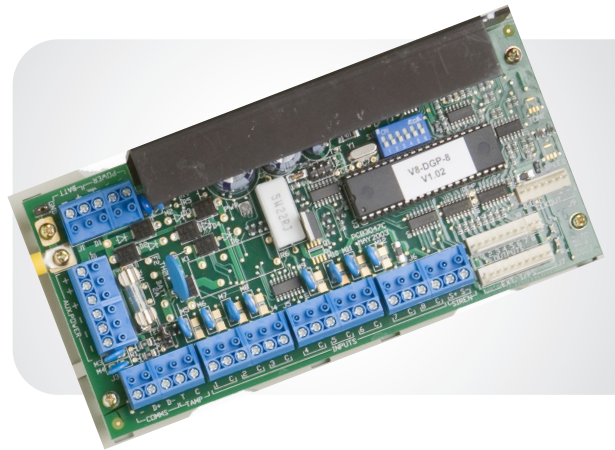


# Challenger Data Gathering Panel



## Overview

Data gathering panels (DGPs) can be used to expand the number of inputs on your Challenger security system.

The TS0827 Challenger DGP offers only inputs and no integrated power supply or siren output. No expansion is possible.

The DGP also allows installers to easily terminate wiring connections for inputs at locations away from the panel.

Up to 31 DGPs can be connected directly to each Challenger control panel over a reliable RS-485 data bus, thereby minimizing cable runs.

If a communications failure occurs, the data gathering panel remembers its last alarm, helping to identify possible reasons for faults.

It can be mounted in Challenger metal housings for easy access.

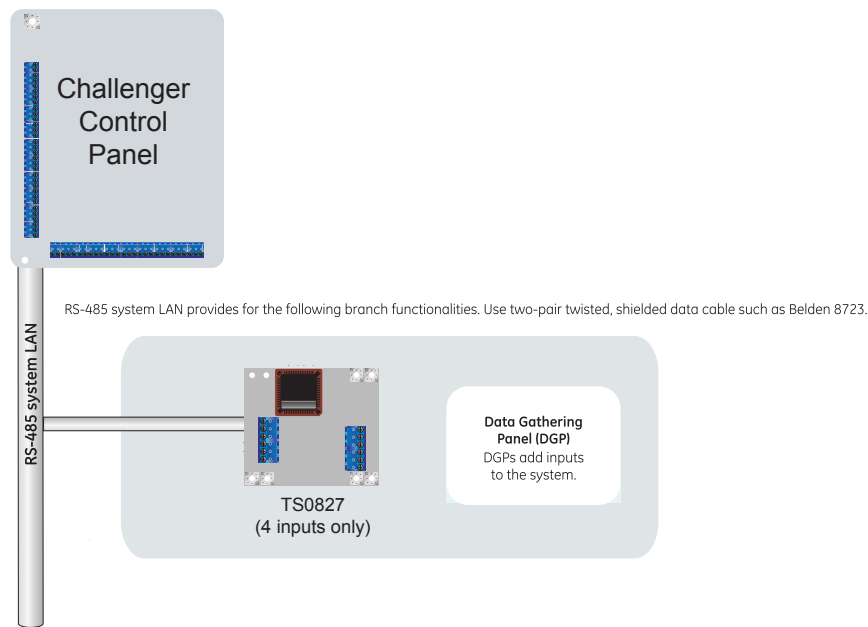
## Features

- 4 zone inputs
- DGPs are polled for online state
- Tamper input
- Powered from LAN

# Challenger Data Gathering Panel

National Sales Enquiries  
Level 4.01, 2 Ferntree Place  
Notting Hill, Victoria 3168  
Phone: 1300 361 479  
Outside Australia: +61 401 777 572  
www.aritech.com.au

System Block Diagram



## Specification

|                                                                             |                                           |
|-----------------------------------------------------------------------------|-------------------------------------------|
| Power supply                                                                | DC                                        |
| Current consumption<br>(Add 10mA for each expander fitted)                  | 45mA                                      |
| Voltage                                                                     | 13.8VDC                                   |
| Inputs                                                                      | 4                                         |
| Siren output                                                                | No siren                                  |
| Maximum outputs                                                             | 0                                         |
| Maximum number per panel                                                    | 15                                        |
| Dynamic battery testing                                                     | Not applicable                            |
| Max. distance from panel<br>(may be extended with LAN isolation interfaces) | 1,500 m                                   |
| Data bus monitoring                                                         | Yes                                       |
| PCB size                                                                    | Size B                                    |
| Enclosure                                                                   | No enclosure                              |
| Environmental                                                               |                                           |
| Operating temperature                                                       | 0-50°C                                    |
| Humidity                                                                    | 95%<br>non-condensing                     |
| Regulatory                                                                  | ACMA C-Tick for Australia and New Zealand |

## Ordering information

|        |                               |
|--------|-------------------------------|
| TS0827 | DC four-input DGP, board only |
|--------|-------------------------------|