

## CSL DualCom – DigiAir Pro 2

Always Connected. Always Secure. Always Live.

### INTRODUCTION

DigiAir Pro 2 is our single-path signalling solution that utilises a 4G Radio path or a LAN path to signal an alarm from protected premises to an alarm receiving centre (ARC). The DualCom Pro 2 range offers Installers easier, faster installation of a professional signalling system with even greater resilience, plus access to CSL Live, our ordering and management portal. Using the onboard serial connections, pins triggering or dial capture, DualCom Pro 2 is compatible with a wide range of control equipment including systems installed to EN50136 & PD6662. The range consists of DigiAir Pro 2 - our single-path solution that utilises a Radio path or LAN to signal an alarm; and GradeShift Pro 2 - our dual-path solution that utilises a combination of two Radio paths or one Radio and one LAN path to signal an alarm.

### DigiAir Pro 2

Wireless 4G single-path signalling with unrivalled management tools.

As part of the DualCom Pro Range, our single-path signalling solution utilises a 4G Radio path or a LAN path to signal an alarm. The Radio variant also comes with a standby SIM card as a backup to safeguard your system. Both SIM's operate on an independent network from the other for total resilience. DigiAir Pro 2 is also compatible with CSL Live and the My Base App.

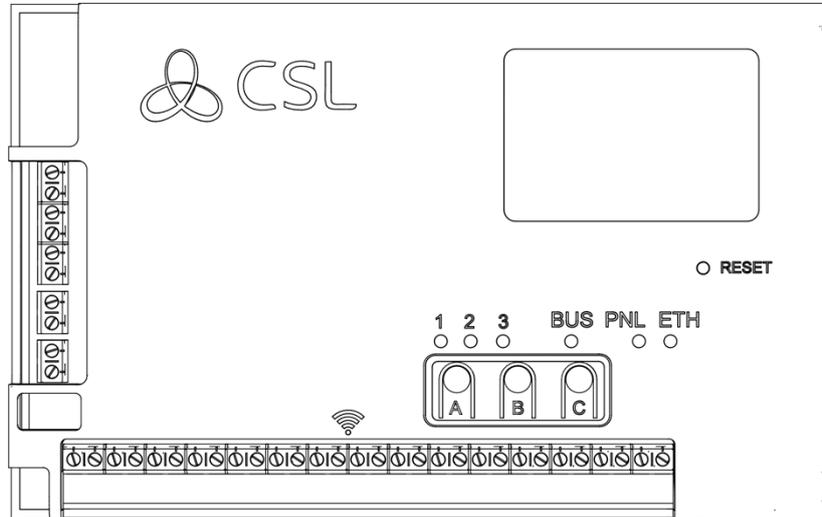
### My Base APP

Utilising the CSL My Base APP, Diamond Controls can monitor system functionality remotely in real time – between the hours of 9am until 5pm Monday to Friday. All events, such as: Alarm activations (common or individual zone), Faults, Signal strength, Signal Loss, Battery fault/loss, Main's loss and Valve cycling – are all notified on the My Base App here at Diamond Controls.

### Alarm Receiving Centre (ARC)

Via our ARC Southern Monitoring, our DualCom units are remotely monitored 24/7 – 365 days of the year. In the event of any programmed signal sent by our systems, a member of the Southern Monitoring team will endeavour to contact any number of client keyholders. Delivering clear and precise information regarding the signal received in real time. This can be requested via - phone call, text message or email. Keyholders can be managed by Diamond Controls or by the client directly.

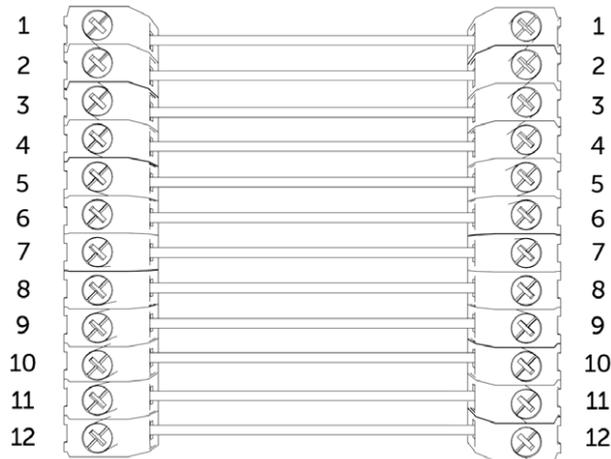
**Figure 1 - Diagram**



**Figure 2 - Example of pin triggering wiring**

Control Panel

DigiAir Pro 2



## Technical Information

Dimensions	90mm (h) x 142mm (w) x 22mm (d)
Weight	113g excluding aerial
Temperature	-10 °C to + 55 °C
Humidity	0 - 90% non-condensing
Mounting	Via fixing points under main cover
Warranty	5 years
Power Requirement	10 - 36 Volts DC
Current Consumption	DigiAir Pro = 35mA (Avg. Value) GradeShift Pro - LAN/Radio = 40mA (Avg. Value) GradeShift Pro - Radio/Radio = 175mA (Avg. Value)
Radio Path	2G, 3G, 4G
Output Ratings	Maximum applied voltage = 60V Maximum current = 150mA
Aerial	50 ohm (nominal) on MMCX socket
Operation Method	Store and forward
CIE Interconnections	Input triggering (standardised parallel), RS232, RS485, TTL
RCT Protocols	SIA
Input Terminals	Max +30v, Min 0 volts DC (reference supply 0v supply) 100k Low Battery 7.6V DC +/- 0.5 VDC
User Serviceable Parts	There are no serviceable parts within the DualCom Pro Range
Environmental	Class II
Applicable Standards	Suitable for use in alarm systems complying to: EN50131-1:2006+A2:2017 EN50131-10:2014 Type Y EN50136-1:2012+A1:2018 SP1,SP2,SP3,SP4,DP1,DP2,DP3,DP4 EN50130-5 Emissions Standard – 2014/53/EU (RED) PD6662:2017 / PD6669:2017 ATS Classification: EN50136 ATS5/DP4 Max ATS 5 parameters: D3/M3/T4/S2/I3/A3