



DUALCOM PRO RANGE

TECHNICAL SPECIFICATIONS

DualCom Pro Range

Technical Specifications

ENSURE AERIAL/AERIALS ARE INSERTED INTO THE MMCX CONNECTOR WITH THE RED DOT.

Figure 1 - Diagram

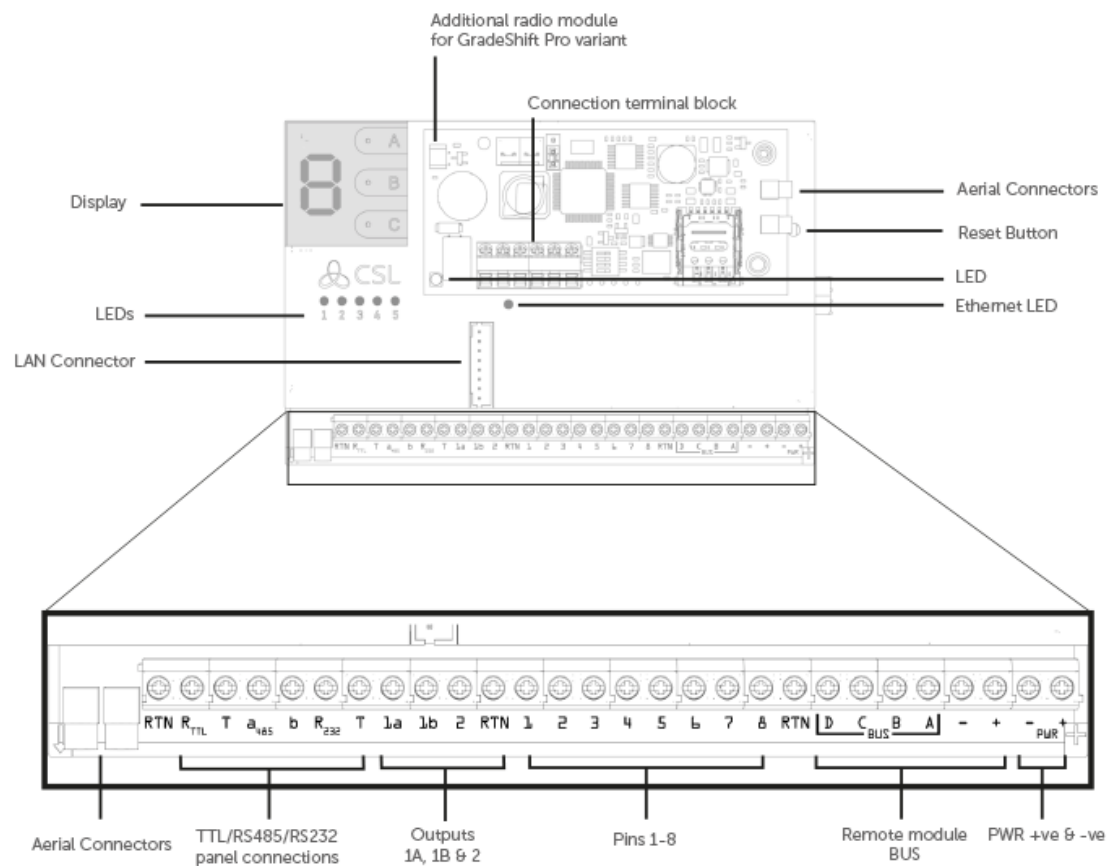


Figure 2 - LAN Adaptor



To enable the device to use LAN, you will need to connect the LAN adaptor (above)

to the LAN Connector (on the DualCom Pro).

Dimensions	75 mm (h) x 119mm (w) x 15mm (d) or 75mm (h) x 119mm (w) x 32mm (d) with secondary radio module
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	<p>10 - 36 Volts DC</p> <p>In order to maintain compliance with requirements for electrical safety the Dualcom Pro should always be powered from a fused supply with following rating:</p> <ul style="list-style-type: none"> • For a 12v DC system (supply voltage in the range 10vdc to 14vdc) a fuse rated at 1.25 • For a 24v DC system (supply voltage in the range 20vdc to 36vdc) a fuse rated at 600 mA <p>If the power source is not limited to these values, then a fuse with the correct rating must be fitted in line with the positive connection from the power source.</p>
Current Consumption	<p>DigiAir Pro = 35mA (Avg. Value)</p> <p>GradeShift Pro - LAN/Radio = 40mA (Avg. Value)</p> <p>GradeShift Pro - Radio/Radio = 175mA (Avg. Value)</p>
Radio Path	2G, 3G, 4G
Aerial	50 ohm (nominal) on MMCX socket
Operation Method	Store and forward
Input Terminals	Max +30v, Min 0 volts DC (reference supply 0v supply) 100k Low Battery 7.6V DC +/- 0.5 VDC
RCT Protocols	SIA
User Serviceable Parts	There are no serviceable parts within the DualCom Pro Range
Environmental	Class II
Applicable Standards	<p>Suitable for use in alarm systems complying to:</p> <p>EN50131-1:2006+A2:2017</p> <p>EN50131-10:2014 Type Y</p> <p>EN50136-1:2012+A1:2018</p> <p>SP1,SP2,SP3,SP4,DP1,DP2,DP3,DP4</p> <p>EN50130-5</p> <p>Emissions Standard - 2014/53/EU (RED)</p> <p>PD6662:2017 / PD6669:2017</p> <p>ATS Classification: EN50136 ATS5/DP4 Max</p> <p>ATS 5 parameters: D3/M3/T4/S2/I3/A3</p>

DigiAir Pro

PATH	AVAILABLE GRADES	WHAT'S IN THE BOX	PART NUMBER
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Radio	SP2	DigiAir Pro 2, serial cable & small aerial	CS.51.R2
LAN	SP2	DigiAir Pro, serial cable, Ethernet Cable & LAN connector adaptor	CS.51.L2
Wi-Fi	SP2	DigiAir Pro, serial cable, Ethernet Cable, Wi-Fi board & Wi-Fi module enclosure	CS.51.W2

GradeShift Pro

PATH	AVAILABLE GRADES	WHAT'S IN THE BOX	PART NUMBER
LAN + Radio	DP2 DP2+ DP3 DP4	GradeShift Pro, serial cable, single T-bar aerial, Ethernet Cable, & LAN connector adaptor	CS.53.LR2 CS.53.LR2P CS.53.LR3
Radio + Radio	DP2 DP2+ DP3	GradeShift Pro, secondary radio module, serial cable, Dual T-bar aerial	CS.53.RR2 CS.53.RR2P CS.53.RR3 CS.53.RR4


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DualCom Pro
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DoP No. 2544-CPR-P21114-F01-17
Fire detection and fire alarm systems / Alarm transmission and fault warning routing equipment EN 50131-10:2014 EN 50136-1:2012 EN 50136-2:2013 PD6662:2017 / PD6669:2017
SP5 / DP4 Security Grade: 1- 4 depending on the I&HAS housing in which it is installed. Environmental Class: II
www.csl-group.com