



DIGIAIR PRO 3

TECHNICAL SPECIFICATIONS

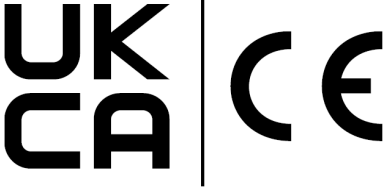
DigiAir Pro 3

Technical Specifications

Dimensions	Radio: 75 mm (h) x 115mm (w) x 16mm (d) LAN: 75mm (h) x 115mm (w) x 23mm (d)
Weight	106g excluding aerial
Temperature	-10 °C to + 55 °C
Humidity	0 - 90% non-condensing
Mounting	Via fixing points under main cover
Warranty	Please refer to our terms and conditions .
Power Requirement	<p>10 - 36 Volts.</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 10 Volts DC to 14 Volts DC) a fuse rated at 1.25 • For a 24V DC system (supply voltage in the range 20 Volts DC to 36 Volts DC) 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> <p>The SPT will shut down on detecting a low supply of 7.6 Volts DC +/- 0.5 Volts DC</p>
Current Consumption	<p>DigiAir Pro 3 Radio attached to Security Panel: 66 mA (average value)</p> <p>DigiAir Pro 3 Radio attached to Fire Panel: 55 mA (average value)</p> <p>DigiAir Pro 3 LAN attached to Security Panel: 78 mA (average value)</p> <p>DigiAir Pro 3 LAN attached to Fire Panel: 62 mA (average value)</p>
Radio Path	2G, 3G, 4G
Output Ratings	<p>Maximum applied voltage = 60V</p> <p>Maximum current = 150mA</p>
Aerial	50 ohms (nominal) on MMCX socket
Operation Method	Store and forward
CIE Interconnections	Input triggering (standardised parallel), RS232, RS485, TTL
RCT Protocols	Surgard MLR2
Input Terminals	Max +30 Volts, Min 0 Volts DC (reference supply 0V) with a + or - 40% change for > 200ms.
User Serviceable Parts	There are no serviceable parts within the DualCom Pro Range
Applicable Standards	<p>Suitable for use in alarm systems complying to:</p> <ul style="list-style-type: none"> • EN50131-1:2006+A2:2017 • EN50136-1:2012+A1:2018 • EN 54-21 LAN (Type 1): D4, M4, T5, A4, S0, I0 • EN 54-21 GSM (Type 1): D4, M4, T3, A4, S0, I0 • PD6662:2017 • PD6669:2017 <p>Emissions Standard – Radio Equipment Directive 2014/53/EU (RED) EN 50130-5 Environmental Class II</p> <p>ATS Classification EN 50136-2:2013 SP2, SP3, SP4</p> <p>ATS Configuration EN 50131-10:2014 Type Y</p> <p>ATS Classification EN 50136-1-1:1998</p> <ul style="list-style-type: none"> • Radio D3, M3, T4, S2, I3, A4 (ATS5) • LAN D3, M3, T5, S2, I3, A4 (ATS5)

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PATH	AVAILABLE GRADES	WHAT'S IN THE BOX	PART NUMBER
Radio	SP2	DigiAir Pro 3, serial cable & small aerial	CS.51.R2
LAN	SP2, SP4	DigiAir Pro 3, serial cable & small aerial	CS.51.L2, CS.51.L4


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DigiAir Pro 3
CSL DualCom Ltd. Building 4, Croxley Park, Hatters Lane, Watford, WD18 8YF
DoP No. 2544-CPR-30940-F01-22
EN 54-21:2006 Fire detection and fire alarm systems / Alarm transmission and fault warning routing equipment EN 50131-10:2014 EN 50136-1:2012/A1:2018 EN 50136-2:2013 PD6662:2017 / PD6669:2017
Type of transmission system: Type 1 SP5 Security Grade: 1- 4 depending on the I&HAS housing in which it is installed. Environmental Class: II
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