DIGIAIR PRO 3

TECHNICAL SPECIFICATIONS
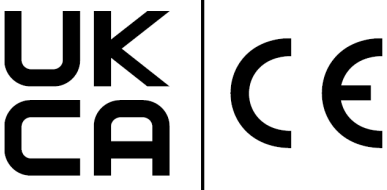
DigiAir Pro 3

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	10 - 36 Volts. In order to maintain compliance with requirements for electrical safety the Dualcom Pro should always be powered from a fused supply with following rating: • 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 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. The SPT will shut down on detecting a low supply of 7.6 Volts DC +/- 0.5 Volts DC
Current Consumption	DigiAir Pro 3 Radio attached to Security Panel: 66 mA (average value) DigiAir Pro 3 Radio attached to Fire Panel: 55 mA (average value) DigiAir Pro 3 LANattached to Security Panel: 78 mA (average value) DigiAir Pro 3 LAN attached to Fire Panel: 62 mA (average value)
Radio Path	2G, 3G, 4G
Output Ratings	Maximum applied voltage = 60V Maximum current = 150mA
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	Suitable for use in alarm systems complying to: • EN50131-1:2006+A1:2009+A2:2017+A3:2020 • EN50136-1:2012+A1:2018 • PD6662:2017 • PD6669:2017 Emissions Standard – Radio Equipment Directive 2014/53/EU (RED) EN 50130-5 Environmental Class II ATS Classification EN 50136-2:2013 SP2, SP3, SP4 ATS Configuration EN 50131-10:2014 Type Y ATS Classification EN 50136-1-1:1998 • 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

UK CA	CE

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CS.51.HWR.03 / CS.51.HWL.03
CSL DualCom ltd. Building 4, Croxley Park, Hatters Lane, Watford, WD18 8YF
KIWA 0063-CPR-242190032/00
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: Fire Safety - Type 1 Security - SP2, SP3, SP4, SP5 Security Grade: 1- 4 depending on the I&HAS housing in which it is installed. Environmental Class: II Certification Body:Kiwa Nederland B.V.
www.csl-group.com