

SpaceLogger.D100

- ▶ Continuous, automatic recording of cycle data from decontamination devices
- ▶ RS232 connection to autoclaves, washer disinfectors and ultrasonic cleaners
- ▶ Ethernet connection to upload cycle data to the local area network
- ▶ Cycle Manager software for viewing data
- ▶ Cycle data is also saved on the SpaceLogger's microSD card
- ▶ Compact, economical and robust design
- ▶ DIN rail mounting option available



Overview

The SpaceLogger.D100 data logger is an ethernet connected logger specifically designed for the decontamination device market.

The data is automatically transferred to the LAN where the user can view the cycle data in real-time via the Cycle Manager software. This ensures the whole process of cycle data collection and management is as automated, accurate, reliable and user friendly as possible.

Using the Cycle Manager software not only is the cycle data stored in electronic format, but additionally pdf reports can be generated both at summary level and for individual cycles.

If the loggers ethernet connection is temporarily unavailable this is not an issue as the data would be stored on the loggers microSD card and automatically transferred to the LAN on re-connection.

The SpaceLogger D100 and associated Cycle Manager software can be produced in OEM specific versions – please see our OEM section and talk to us about your requirements.

Applications

Data logging for decontamination devices used in the following areas:

- Dental
- Medical
- Veterinary
- Podiatry
- Laboratory
- Tattoo

Data Logger Range

Richard Paul Russell Ltd offers a range of data loggers including standalone, wireless and LAN connected.

Please see our website www.r-p-r.co.uk

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SpaceLogger.W100 Specification

Physical	Dimensions	Width: 100 mm Height: 80 mm Depth: 22 mm
	Weight	100g
	Enclosure materials	ABS with polycarbonate cover
	Mounting	35mm DIN rail mount, plus optional abs base plate mount
Data Input	Transmission standard	RS232
	Transmission speed	2,400 to 115,200 baud
	Connection	OEM specific: 9-way D-type
LAN Connectivity	Wired connection	RJ45 connector 10/100 Base-T
Data visibility	Data access	Via Cycle Manager software
Device Data Storage	Data storage card	Removable micro SDHC/SDXC card
	Data Capacity	Capacity of micro SDHC/SDXC card installed 8GB micro SDHC supplied as standard
	Card removal	Buffer purge button
Audible / Visual Indicators	LED Indicators	Micro SDHC card status: Bi-colour red/green Data/LAN connectivity status: Bi-colour red/green
	Audible Bleeper	Status alert
Real Time Clock	Accuracy	±40 ppm at 25 °C
	RTC back-up battery	CR2032
Power	Power requirement	5 Vdc ±10%
	Current at 5Vdc	200 mA typical
	Connection	Micro USB connector
Environmental	Temperature Range	Operating: -25 °C to +70 °C Storage: -40 °C to +70 °C CE marked - EMC directive 2014/30/EC
	Emissions	EN 55032:2015 CISPR 32:2015, Class B EN 60945:2002 CISPR 16-1:1999, Class B EN 61000-3-2:2014 Class A EN 61000-3-3:2013 FCC/CFR 47: Part 15:2017 ANSI C63.4:2014, Class A Canadian Standard ICES-003:Issue: CISPR 22:2008
	Immunity	EN 55024:2010 EN 61000-4-2:2009, EN 61000-4-3:2006 incl A1:2008 & A2:2010, EN 61000-4-4:2012, EN 61000-4-5:2012, EN 61000-4-6:2014, EN 61000-4-11:2010
		WEEE Directive 2012/19/EU RoHS Directive 2011/65/EU
Guarantee	Period	1 year warranty