



LIVES INTERNATIONAL

REAL TIME WIRELESS DATA LOGGERS: XpertLog® RF

XpertLog® RF simplifies and makes the thermal validation process more efficient:

higher efficiency – cut down to minimum 50% your validation time

higher reliability – real time data during validation process

higher accuracy $\pm 0.1^{\circ}\text{C}$ from -60 to 140°C

data integrity – FDA 21 CFR Part 11

Suitable applications:

- Autoclaves, SIP
- Freeze-dryers (lyo cabinets)
- Cold room
- ICH stability rooms
- Ovens, freezers, refrigerators, incubators
- Warehouses
- etc...

Technical Specifications:

Sensor	4 wires PT-100
Sensor length	flexible: - standard: PTFE (18", 500 mm) - custom: up to 27" (680 mm) rigid : - custom length
Temperature range	-60°C to 140°C
Accuracy	$\pm 0.1^{\circ}\text{C}$
Wireless range	400 feet (121 m) line of sight
Radio frequency	2.4 GHz ISM band
Antenna	internal
Battery	2 lithium batteries, user replaceable
Enclosure	IP-68
Sampling rate	1 sec to 24 hours
Refreshment rate	30 sec to xx days – user configurable
Memory capacity	16 000 data points



Battery lifetime	Up to 6 month – based on user usage
Internal clock drift	4 sec / 24 h (@ 23°C)
Access point	USB to computer
Material	Ketron peek – FDA compliant
Weight	85 g (battery included)
Size	Diameter : 60 mm Height : 30 mm
Calibrations	- Factory: NIST / COFRAC <i>ITS-90 coefficients resides in internal memory.</i> - user calibration: on user site, using provided validation software XpertLog
Certification	- EMC : EN 60601-1-2 / 2007 - RF : EN 300440-2 v1.3.1 (2009-03) - Health Safety : EN 60950-1/2006

ISO 9001 : 2008 ; ISO 14001 : 2004 ; OHSAS 18001 : 2007



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