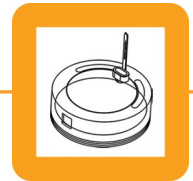
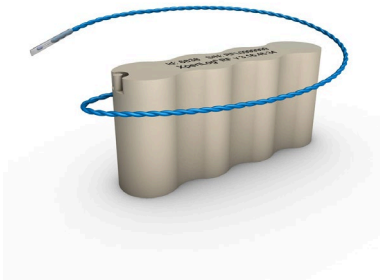


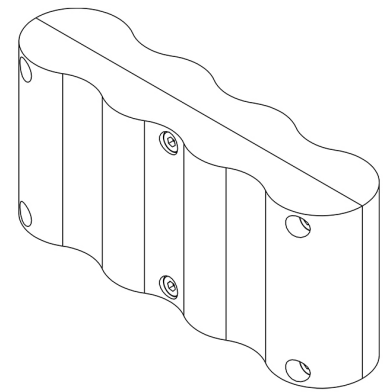
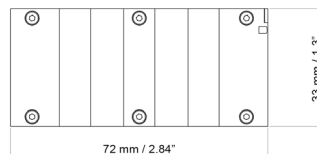
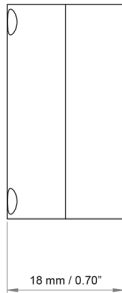
# GMP RF F 2R4V



## Real Time Wireless Temperature Data Logger with Flexible Sensor -50°C to +85°C



- + Collects and transmits real time temperature to XpertLog Software
- + ITS-90 calibration coefficients are stored in the internal memory
- + Complies with FDA 21 CFR Part 11
- + Network ready: multiple users, centralized, server database, active directory authentication
- + Calibration can be performed on site
- + Can be remotely activated



Sensor type

- flexible
- customized

Sensor size

- cross section

Operating Range

- body
- Sensor

Accuracy

Resolution

Memory capacity

Memory type

Sampling rate

Transmission

4 wires thin, teflon  
200 mm (7.87") or custom length  
up to 5000 mm (195")  
1.2 x 1.6 mm (0.05 x 0.06")  
0.48 mm<sup>2</sup> (0.0007 inch<sup>2</sup>)

Internal clock drift

Mechanical

-50°C to +85°C  
-90°C to +140°C  
±0.1°C from -50°C to +85°C  
0.01°C  
32,000 data points  
non volatile  
1 sec to 24 hours  
simultaneous: maximum 20 loggers  
sequential: unlimited  
4 sec / 24 h @ 23°C

- material

Peek 1000 - FDA compliant  
Screws: 316L

- enclosure

- weight

- length

- width

- height

Power

IP-68  
54 g (1.91 oz)  
72 mm (2.84")  
18 mm (0.70")  
33 (1.3")

Battery lifetime

Antenna

Wireless range

Radio frequency

Access point

2 x Lithium batteries  
user replaceable  
Up to 4 months, based on usage

Calibrations

Internal  
121 m (400 feet)  
2.4 Ghz ISM band  
USB to computer  
Programs and reads unlimited number of loggers  
Factory Calibrations: traceable NIST/COFRAC - ITS-90 coefficients stored in the internal memory

Certification

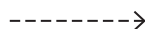
User Calibrations: closed loop calibration using XpertLog® software  
Health Safety: EN 60950-1 / 2006  
EMC: EN 60601-1-2 / 2007  
RF: EN 300440-2 v1.3.1 (2009-03)

Order Reference  
GMP-RF-F-2R4V

Standard Calibration Points

- -50°C
- 0°C
- 85°C

Lives International®



XpertLog  
software

