XpertLog SCADA

XpertLog® SCADA

Interface Real Time Data Loggers with SCADA/HMI

FDA 21 CFR Part 11

Purpose:	Interface XpertLog® real time data loggers with the SCADA/HMI of any equipment Display XpertLog® real time data on SCADA / HMI
Applications:	Interface SCADA/HMI of autoclaves, freeze dryers, etc. with XpertLog® real time data loggers inside the equipment. Can be used to control the equipment based on Real Time Wireless Data Loggers*
Scope:	Help users to meet FDA requirements with regards to Continued Process Verification Gain ongoing assurance during routine production that the process remains in a state of control Minimize time needed for parametric release of a sterile load after sterilization cycle Display real time behavior of the equipment using a third party system - XpertLog® Detect real time anomalies of product probes and allow users to take action
Functionality:	Collect temperatures/pressures from XpertLog® real time data loggers and display simultaneously with the product probes on the SCADA/HMI * applies under conditions, call to discuss application and implementation
Minimum recommended acquisition interval	10 sec
Maximum number of loggers	20
Accuracy	±0.1°C ±10 mbar @ 2 BarA
Resolution	0.01°C; 0.1 mbar
Data integrity	21 CFR Part 11 compliant
PLC compatibility	Any PLC
Measurement range	
- temperature	-60 to 140°C
- pressure	0.01 to 5 BarA
Memory capacity	16,000 temperature / 16,000 pressure
Memory type	non volatile
Battery lifetime	Up to 6 months, based on usage
Internal clock drift	4 sec / 24 h @ 23°C
Access point	USB to computer
- material	Peek 1000 - FDA compliant
Radio frequency	2.4 Ghz ISM band
- enclosure	IP-68
Calibrations	Factory Calibrations: traceable NIST/COFRAC - ITS-90 coefficients stored in the internal memory User Calibrations: close loop calibration using XpertLog® software
Certification	Health Safety: EN 60950-1 / 2006 EMC: EN 60601-1-2 / 2007 RF: EN 300440-2 v1.3.1 (2009-03)

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XpertLog software