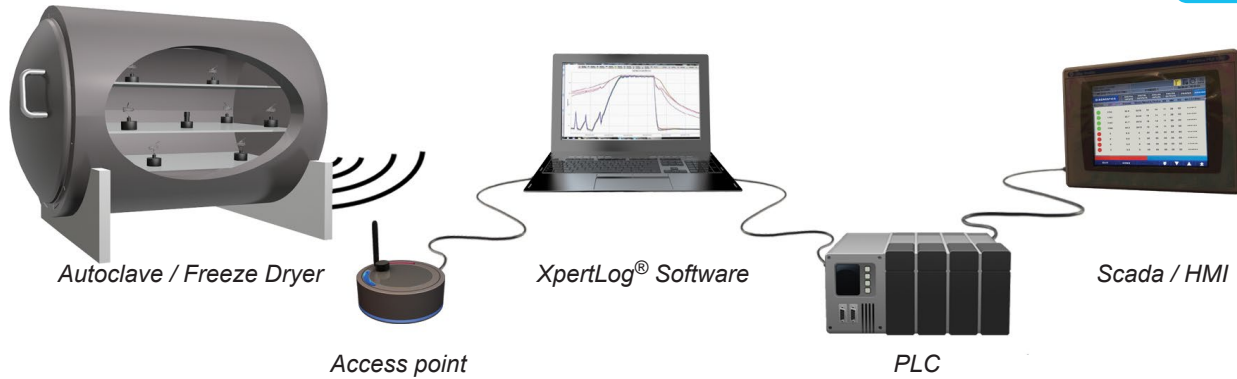


XpertLog SCADA

XpertLog®
SCADA

Interface Real Time Data Loggers with SCADA/HMI



| | | |
|--|---|--|
| 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. | |
| Scope: | Can be used to control the equipment based on Real Time Wireless Data Loggers* 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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