XpertLog Wireless Data Loggers
-Technical Specifications-

Model	DLT	DLT-EXT	DLT-ULT-EXT	DLT-EXT-LP	DLTH	DLTP	DLT-HT-EXT
Description	**Standard** Temperature Data Logger with Fixed RTD Sensor	**Standard** Temperature Data Logger with Extended RTD Sensor	**Ultra-Low** Temperature Data Logger with Extended RTD Sensor	**Low Profile** Temperature Data Logger with Extended RTD Sensor	**Temperature & Humidity** Data Logger	**Temperature & Pressure** Data logger	**High Temperature Data logger** with Thermal Shield Canister
Measurement Range	-60C to 150C	-60C to 150C	-80C to 100C	-80C to 100C	-60C to 150 C 20% to 90% RH	-60 C to 150 C 0 to 5 bar abs.	-110C to 340C (20 min. max @ 340C)
Accuracy	+/- 0.1C	+/- 0.1C	+/- 0.1C except +/- 0.4C @ -80C	+/- 0.1C except +/- 0.4C @ -80C	+/- 0.1C +/- 2% RH	+/- 0.1C +/- 5 mbar	+/-0.1 C
Sensor Type	RTD PT-100, 4 wire	RTD PT-100, 4 wire, Teflon coated, 500 mm (18 in.) length.	RTD PT-100, 4 wire, Teflon coated, 500 mm (18in) length	RTD PT-100, 4 wire, Teflon coated, 500 mm (18 in.) length.	RTD PT-100, 4 wire RH capacitive sensor.	RTD PT-100, 4 wire	RTD PT-100, 4 wire, Kapton coated, 500 mm (18 in.) length
Material	Ketron Peek FDA Compliant	Ketron Peek FDA Compliant	Ketron Peek FDA Compliant	Ketron Peek FDA Compliant	Ketron Peek FDA Compliant	Ketron Peek FDA Compliant	Ketron Peek FDA Compliant. Stainless Steel Canister
Seal	Leak Free, IP-68	Leak Free, IP-68	Leak Free, IP-68	Leak Free, IP-68	Leak Free, IP-68	Leak Free, IP-68	Leak Free, IP-67
Power	Battery, Lithium 3.5V	Battery, Lithium 3.5V	Battery, Lithium 3.5V	Battery, Lithium 3.5V	Battery, Lithium 3.5V	Battery, Lithium 3.5V	Battery, Lithium 3.5V
Sampling Rate	1 second to 24 hours	1 second to 24 hours	1 second to 24 hours	1 second to 24 hours	1 second to 24 hours	1 second to 24 hours	1 second to 24 hours
Memory	16,000 data points	16,000 data points	16,000 data points	16,000 data points	16,000 data points	16,000 data points	16,000 data points
Clock Drift	±5 sec / 24h @25°C	±5 sec / 24h @25°C	±5 sec / 24h @25°C	±5 sec / 24h @25°C	±5 sec / 24h @25°C	±5 sec / 24h @25°C	±5 sec / 24h (@25°C)
Weight	35 g (0.08 Lb.)	35 g (0.08 Lb.)	35 g (0.08 Lb.)	35 g (0.08 Lb.)	45 g (0.10 Lb.)	70 g (0.15 Lb)	300 g (0.66Lb)
Height	38 mm (1.5 in.)	58 mm (2.25 in.)	58 mm (2.25 in.)	31mm (1.25 in.)	72 mm (2.83 in.)	67 mm (2.63 in.)	85 mm (3.35 in.)
Diameter	40 mm (1.57 in.)	40 mm (1.57 in.)	40 mm (1.57 in.)	40 mm (1.57 in.)	40 mm (1.57 in.)	40 mm (1.57 in.)	55 mm (2.17 in.)
Docking Station	4,8,12, 20 Ports	4,8,12,20 Ports	4,8,12,20 Ports	4,8,12,20 Ports	4,8,12,20 Ports	4,8,12,20 Ports	4,8,12,20 Ports
Battery Life	12 months	12 months	3 - 6 months	12 months	12 months	12 months	12 months
Calibration	COFRAC / NIST traceable	COFRAC / NIST traceable	COFRAC / NIST traceable	COFRAC / NIST traceable	COFRAC / NIST traceable	COFRAC / NIST traceable	COFRAC / NIST traceable
Warranty	One Year	One Year	One Year	One Year	One Year	One Year	One Year