PUR900 Technical Specifications

MAX Samples 1 sensor	261888 (3Days, 0Hour, 44Min, 48Sec)
MAX Samples 2 sensor	130944 (1Day, 12Hour, 22Min, 24Sec)
Dual RGB LED Status indicator	Shows status of device and connected sensors
Environmental Rating	IP67
Real Time Clock (RTC)	Built in Real Time Clock
Run Time (logging)	15 – 30 Days without charge
Run Time (OFF)	9 – 12 Months without charge
Charging	USB Charging (5V nominal)
Firmware Upgradable	User can update Firmware to new releases
Sensor Sample Resolution	0.0625 **°C**
Sensor Calibration Resolution	0.0625 **°C**
Configurable Settings on PC Application	
Sample Resolution	1 – 255 Seconds
Sensor(s) to Sample	Sensor 1 / Sensor 2 or Both
Start delay	0 – 65535 Seconds
Max Log Count	1 – 12 Logs
* Sample Count	1 – 65535 Samples (Used with Manual Samples)
** Start & Stop Time	Start date & time and Stop date & time (Used with Full Time)
Log Method	Full Manual (Button Start / Stop)
	* Manual Samples (Button Start / Stop when Sample Count reached)
	** Full Time (Button Activate, but will delay until Start time reached and will stop when Stop time reached or sample limit reached.
	PC Start / Stop (Start and Stop logging using PC Application)
Configurable Information on PC Application	
Device Name	Set user friendly Device Name (30 characters)
Date & Time	Set Date and Time
Sensor Calibration	Calibration values are saved on the Sensors
Device Information Viewable on PC Application	
Device Serial Number	Displays the Device Serial Number
Bootloader Version	Displays the Bootloader Version
Firmware Version	Displays the Firmware Version
Hardware Version	Displays the Hardware Version
Service Date	Displays the Service Date
Sell Date	Displays the Sell Date
Battery Voltage	Displays the Battery Voltage
USB Voltage	Displays the USB Voltage
Sensor 1 and Sensor 2 Embedded Serials	Displays the sensors embedded serials
Sensor 1 and Sensor 2 Real Time Data (RTD)	Shows current calibrated and uncalibrated temperature values of both Sensors
Log Information saved on Device	
Log number	Saves the log number
Log start date & time	Saves the Start date and time from RTC
Log Duration	Saves the log duration
Log Resolution	Saves the Log resolution
Log Method	Saves the Log method
Sensors Logged	Saves which sensors were sampled
Log Downloaded	Saves the Log download status (user is able to verify if the log was downloaded before clearing logs)