

Data Logger DL18 & DL18-BLE

Technical Specifications



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Memory	1 900 000 readings If you connect 4 dendrometers, and collect data every 30 minutes, the memory will store data of 7900 days
Resolution	0.2 µm for Dendrometer types: DR1, DR3, DD-L1, DD-S1, DD-S2, DRO, DRW, DDW, DC1, DV 0.3 µm for Dendrometer types: DC2, DF1 0.5 µm for Dendrometer type: DC3, DD-L2, DR2, DF2 1.0 µm for Dendrometer type: DC4, DD-L3, DF3
Accuracy	±0.1% of reading
Interface	DL 18: USB interface to PC DL 18 BLE: Bluetooth Low Energy to Windows-PC, Smartphone or Tablet
Channel	4, for connecting up to 4 dendrometers
Logging Interval	1 sec. to 18 hours, user selectable
Battery Life	1 year typical with logging rate of 1 minute and sampling interval of 15 seconds or greater, user replaceable 2 AAA battery
Environment	Logging -20° to 70°C (-4 to 158°F); 0 to 95% RH (non-condensing)
Other compatible Sensor types	- soil moisture (EM 35) - leaf temperature (LAT-B2) - surface, tissue or soil temperature (T-Surface/-Tissue/-Soil) - air temperature/humidity (T/RH-Sens) - light (PAR: EM 20, Pyranometer: EM 25)