

Digital Data Loggers

VFC providers are required to use digital data loggers (DDLs) to monitor temperatures inside their main VFC vaccine storage units and as a backup thermometer. The DDL should include the following features:

- * **Detachable, buffered probe (or digitally buffered device that mimics a buffered probe)**
- * **Alarm (audible or visual) for out-of-range temperatures**
- * **Current, minimum, and maximum temperatures**
- * **Active display outside the unit so there is no need to open the unit door while conducting routine checks of the storage temperatures**
- * **Low battery indicator**
- * **Accuracy of +/- 1°F (0.5°C)**
- * **Memory storage of at least 4,000 readings**
- * **User programmable logging interval (or reading rate)**
- * **Data is easily downloadable for review**
- * **Current and certified certificate of calibration**

For Ultra-Cold DDL

- * **For accurate ultra-cold temperature monitoring, it is essential to use an air-probe, or a probe designed specifically for ultra-cold temperatures with the DDL.**
- * **Must be able to measure temperatures required for Pfizer vaccines between -90°C and -60°C (-130°F and -76°F)**

You may wish to consider the manufacturers and distributors listed below when selecting a DDL.

Manufacturer/distributor	Email address	Phone Number
--------------------------	---------------	--------------

Berlinger USA, LLC <http://www.berlingerusa.com/> 508-366-0084

Control Solutions, Inc. www.vfcdataloggers.com 503-410-5996

MicroDAQ www.MicroDAQ.com 877-275-9606

SensoScientific <https://www.sensoscientific.com/vaccinevfc/> 877-970-1807

Onset Computer Corporation <http://www.onsetcomp.com/intemp> 800-564-4377

Please note the Tennessee Vaccine -Preventable Diseases and Immunization Program cannot endorse or recommend specific products or brands.