

Pre-Purchase Worksheet for Digital Data Logger

Digital data loggers (DDLs) and continuous temperature monitoring systems (CTMS) are readily available for use in VFC vaccine monitoring. This worksheet should help you learn which unit/system is best for your office. Please refer to section 6-J of the VFC Provider Handbook for a list of suggested manufacturers and the DDL policy.

Instructions for using this worksheet:

- Write device information in the top portion of each column, i.e., section 1.
- Place a checkmark in each column if the DDL meets the requirement.
- Checkmark must appear in each column of section 2 to meet PA VFC Program requirements.

1. Information About Device			
Vendor name			
Make/model number			
Phone number			
Price			
2. PA VFC Requirements			
Capable of displaying current, minimum and maximum temperatures in Fahrenheit or Celsius			
Must have an active visual temperature display outside of the unit			
Must have an alarm for OOR temperatures (recommend both visual and audible)			
Low battery indicator			
Accuracy of +/- 1.0° F (+/- 0.50° C)			
Memory storage of a least 4,000 readings			
Does not record over old data when log is full			
User programmable logging interval or reading rate (every 15 minutes recommended; but up to every 30 minutes is accepted)			
Must have user-programmable alarm thresholds			
Must be able to download data onto either a computer or website			
Must have current NIST certificate and be calibrated per manufacturer's recommendations or at least every two years by an accredited laboratory			
Detachable probe encased in a bio safe buffered material required			
3. Other Considerations			
Battery life of one year (Lithium preferred)			
Requires software? (IT may need to download.)			
Automatic alerts (text, email, phone)			
Buffered probe included (glycol preferred)?			
Return or exchange if DDL malfunctions?			
Detailed and summary reports downloadable and printable?			
Multiple unit purchase discount?			
Buffered probe included?			
NIST calibration one or two years?			
Single unit capable of monitoring 2 storage units (if close enough and electrical outlet available)?			
Additional accessories required?			
Are you Ready?			
Management or IT authorization needed for software installation?			
Cloud space/account needed for data storage?			
Who will train your staff?			