



HOBO® U-DT-2 Shuttle Data Transporter

The HOBO U-DT-2 U30 Shuttle Data Transporter provides convenient in-field data offload and relaunch of HOBO U30-NRC systems and HOBO Weather Stations (H21), Micro Stations, and HOBO Energy Logger systems (H22). The U30 Shuttle's 2 x 16-character display shows current readings (for selected loggers), and logger status.

The HOBO U30 Shuttle performs the following major functions:

- Reads out data from systems in the field for transfer to a host computer
- Optionally relaunches the logger — synchronizes the logger's clock with the shuttle's clock and (in most cases) sets logging to begin at the next interval
- Preserves data in nonvolatile memory, even if batteries are depleted
- Displays logger status, including memory, battery level, and sensor readings
- Displays its own status, including clock, memory, and battery level
- Lets you change the batteries in the field without resetting the clock
- Allows you to test individual smart sensors

Environment: The U-DT-2 is for use in **Indoor and Outdoor** environments

Requirements

- USB cable (provided); compatible logger with appropriate cable and/or base station
- U-DT-2: HOBOWare 2.6 or greater

Compatibility

- HOBO U30 series systems, HOBO Weather Stations and Micro Stations (H21), and HOBO Energy Logger (H22)

Operating temperature 0° to 50°C

Storage temperature -10° to 50°C

Time accuracy ± 1 minute per month at 25°C
see Plot A

Logger-to-shuttle transfer speed

- USB 64K in approximately 30 seconds
- Serial: 512K in approximately 60 seconds

Shuttle-to-host transfer speed

- Full shuttle offload (4 MB) to host computer in 3 to 5 minutes, depending on computer

Data capacity (full loggers)

4 MB (minus 64 KB for shuttle information): enough for 7 readouts of 512K loggers

Idle timeout Shuttle powers down after two minutes of idle time, except when actively communicating with HOBOWare (see HOBOWare User's Guide for details) or changing logger batteries (10 minutes)

Ports: RJ-12 jack for communicating with smart sensors; mini-B full speed USB port for communicating with host computer; full speed USB port for communicating with U-Series loggers and base stations; high speed serial port for communicating with serial loggers. Shuttle communicates with only one device at a time.

Batteries

Main: 2 AA alkaline batteries

Clock backup: 1 CR1225 lithium battery (3 V)

Battery life (typical use)

Main: One year or approximately 50 complete memory fills, Clock backup: 10 years typical use (with main batteries installed)

Weight/Size 153 g / 11.0 x 6.9 x 2.7 cm

Case materials ABS case with urethane rubber grips, polycarbonate label

Order Code: U-DT-2 Shuttle Data Transporter

