ONSET

HOBO® U-DT-2

HOBO U30 Shuttle

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 (H21-001) and Micro Stations (H21-002 only), and HOBO Energy Logger systems (H22). The U30 Shuttle's 2 x 16-character display shows current readings (for selected data loggers), and logger status.

Firmware Version 1.59 Download

NOTE: HOBOware Pro software required.

Key Advantages:

- Reads out data from systems in the field for transfer to a host computer
- Optionally relaunches the data 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

HOBO U-DT-2 Specifications

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 (H21-001) and Micro Stations (H21-002 only), and HOBO Energy Logger systems
Firmware upgrades: Available on the Onset website as needed to provide compatibility with future supported logger models
Operating temperature: 0° to 50°C (32° to 122°F)
Storage temperature: -10° to 50°C (14° to 122°F)
Time accuracy: ± 1 minute per month at 25°C (77°F); 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
Main: One year or approximately 50 complete memory fills, typical use
Clock backup: 10 years typical use (with main batteries installed)

Weight: 153 g (5.4 oz)
Dimensions: 11.0 x 6.9 x 2.7 cm (4.35 x 2.70 x 1.05 inches)
Case materials: ABS case with urethane rubber grips, polycarbonate label

The CE Marking identifies this product as complying with the relevant directives in the European Union (EU).

Contact Us

Sales (8am to 5pm ET, Monday through Friday)
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▶ In U.S. toll free 1-800-564-4377
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Technical Support (8am to 6pm ET, Monday through Friday)
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