



# HOBO U-DT-1 Shuttle Data Transporter

## Product Images



## Short Description

Conveniently offload data from loggers in the field for transfer to a host computer.

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Conveniently offload data from loggers in the field for transfer to a host computer. View readings on a 2 x 16-character display for selected data loggers, and access logger status for all loggers.

Compatible with all HOBO U-Series loggers (except the HOBO U30 Station), all UX-Series loggers (except UX120-006M), HOBO Weather Stations and Micro Stations (H21), and the HOBO Energy Logger (H22). An Optic USB Base Station is required for use with optic USB data loggers.

## Key Features

- Reads out data from loggers in the field for transfer to a host computer
- Optionally relaunches the logger—synchronises 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 for some sensors (on some models)
- 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 (does not support the TRMSA-D).

Requires HOBOWare Pro software v2.2.0 or greater.

## Additional Information

Country of Manufacture	United States
Explanation	<p><b>Requirements:</b> HOBOWare Pro 2.2.0 or greater; USB cable (provided) Compatible logger with appropriate cable and/or base station</p> <p><b>Compatibility:</b> All U-Series loggers, HOBO Weather Stations (H21-001) and Micro Stations (H21-002 only), and HOBO Energy Logger systems; not compatible with the HOBO Waterproof Shuttle (U-DTW-1)</p> <p><b>Firmware upgrades:</b> Available on the Onset website as needed to provide compatibility with future supported logger models</p> <p><b>Operating temperature:</b> 0° to 50°C (32° to 122°F) <b>Storage temperature:</b> -10° to 50°C (14° to 122°F) <b>Time accuracy:</b> ± 1 minute per month at 25°C (77°F); see Plot A</p> <p><b>Logger-to-Shuttle Transfer Speed</b> <b>USB/optic:</b> 64K in approximately 30 seconds <b>Serial:</b> 512K in approximately 60 seconds <b>Shuttle-to-host transfer speed:</b> Full shuttle offload (4 MB) to host computer in 3 to 5 minutes, depending on computer <b>Data capacity (full loggers):</b> 4 MB (minus 64 KB for shuttle information): enough for 504 readouts of 8K loggers, 63 readouts of 64K loggers, or 7 readouts of 512K loggers <b>Idle timeout:</b> Shuttle powers down after two minutes of idle time, except when actively communicating with HOBOWare or changing logger batteries (10 minutes) <b>Ports:</b> 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 <b>Batteries main:</b> 2 AA alkaline batteries <b>Clock backup:</b> 1 CR1225 lithium battery (3 V) <b>Battery life main:</b> One year or approximately 50 complete memory fills, typical use <b>Clock backup:</b> 10 years typical use (with main batteries installed) <b>Weight:</b> 153 g (5.4 oz) <b>Dimensions:</b> 11.0 x 6.9 x 2.7 cm (4.35 x 2.70 x 1.05 inches) <b>Case materials:</b> ABS case with urethane rubber grips, polycarbonate label</p> <p>The CE Marking identifies this product as complying with the relevant directives in the European Union (EU).</p>

Contents	HOBO U-Shuttle U-DT-1 30 cm (12 inch) serial logger cable USB cable
Brand	Onset HOBO
Onset Product Series	U-DT (Data Shuttles)