

Onset offers a range of data retrieval and communication options to make data offload from HOBO loggers fast and easy.



HOBO U-Shuttle

U-DT-1

11.0 x 6.9 x 2.7 cm
(4.35 x 2.7 x 1.05 in)
153 g (5.4 oz)

- Enables convenient, easy data offload from HOBO U-Series, H21 and H22 data loggers and UX data loggers (Base Station required for Optic USB loggers)
- Provides safe transport of data back to a PC or Mac
- Stores data from multiple data loggers
- Displays logger status, including memory, battery level, and sensor readings for some sensors (on some models)
- CABLE-HOBO-SHTL and CABLE-USBMB included

Specifications:

4 MB non-volatile memory: 504 8K loggers, 63 64K loggers, 7 readouts of 512k loggers, 1 readout of a 4mb logger.
Operating temperature range 0° to 50°C (32° to 122°F)
Battery life: 1-year (typical) — user-replaceable
Requires HOBOWare Pro Software 2.2 or greater



HOBO U30 Shuttle

U-DT-2

11.0 x 6.9 x 2.7 cm
(4.35 x 2.7 x 1.05 in)
153 g (5.4 oz)

- Enables convenient, easy data offload from HOBO U30 Series, H21 and H22 data loggers
- Provides safe transport of data back to a PC or Mac
- Stores data from multiple data loggers
- Displays logger status, including memory, battery level, and sensor readings for some sensors
- CABLE-HOBO-SHTL and CABLE-USBMB included

Specifications:

4 MB non-volatile memory: 7 readouts of 512K loggers
Operating temperature range 0° to 50°C (32° to 122°F)
Battery life: 1-year (typical) 50 complete memory fills - user replaceable
Requires HOBOWare Pro Software 2.6 or greater



HOBO Waterproof Shuttle

U-DTW-1

15.2 x 4.8 cm
(6.0 x 1.9 in)
150 g (5.3 oz)

- Can be used either as a data shuttle or an Optic USB Base Station
- Supports all HOBO Optic USB loggers
- Outdoor or underwater data readout
- Convenient direct USB connection to host computer
- Waterproof to 20 m
- Checks and indicates its own battery status

Specifications:

4 MB non-volatile memory: up to 63 loggers
Operating temperature range 0° to 50°C (32° to 122°F)
Battery life: 1-year (typical) — user-replaceable
Requires HOBOWare Pro Software



Optic USB Base Station

BASE-U-4

15.2 x 4.8 cm
(6.0 x 1.9 in)
150 g (5.3 oz)

- Provides fast optical infrared (IR) communications for easy launch and readout of all HOBO Optic USB loggers
- Splash-resistant

Specifications:

Operating temperature range 0° to 50° C (32° to 122° F)
Cable length 183 cm (6 ft)
Offloads full 64K logger in 30 seconds



Pendant Base Station

BASE-U-1

9.5 x 4 x 2.8 cm
(3.75 x 1.6 x 1.1 in)
45 g (1.6 oz)

- Provides fast optical infrared (IR) communications for easy launch and readout of all HOBO Pendant loggers
- Connects via USB cable to host computer while Coupler attaches the logger to Base Station
- Splash-resistant

Specifications:

Operating temperature range 0° to 50° C (32° to 122° F)
Cable length 183 cm (6 ft)
Offloads full 64K logger in 30 seconds



		U-Shuttle Data Transporter U-DT-1	U30 Shuttle Data Transporter U-DT-2	Waterproof Shuttle U-DTW-1*	Pendant Base Station BASE-U-1	Optic USB Base Station BASE -U-4*
Storage Capacity	504 loggers/8k memory	✓				
	63 loggers/64k memory	✓		✓		
	7 loggers/512k memory	✓	✓			
HOBO UX120		✓				
HOBO U9		✓				
HOBO U10		✓				
HOBO U11		✓				
HOBO U12 (12-bit Family)		✓				
HOBO U12 Outdoor		✓				
HOBO U12 Stainless		✓				
HOBO U24 Conductivity		√B		✓		✓
HOBO Pendant loggers		√B		✓	✓	✓
Pendant Event		√B		✓	✓	✓
HOBO Water Level Loggers		√B		✓		✓
HOBO Water Temp Pro V2		√B		✓		✓
HOBO Pro V2		√B		✓		✓
TidbiT Temp V2		√B		✓		✓
Rain Gauge		√B		✓	✓	✓
HOBO Micro Station		✓	✓			
HOBO Energy Logger		✓	✓			
HOBO U30 Remote Monitoring Systems			✓			

Products with a "√B" require a base station for use with the U-Shuttle. * Couplers are included

Data Shuttle and Base Stations

HOBO Waterproof Shuttle with Couplers*	U-DTW-1
HOBO U-Shuttle*	U-DT-1
HOBO U30 Shuttle*	U-DT-2
Pendant Base Station	BASE-U-1
Optic USB Base Station with Couplers	BASE-U-4

*Data Shuttles require HOBOWare Pro for offload. See page 52 for details.



NIST Certification

NIST Certification: Test and certify the accuracy of new and previously purchased Onset temperature loggers using standards traceable to the U.S. National Institute of Standards & Technology (NIST). Each logger certified receives a certificate showing the logger's temperature accuracy versus a NIST-traceable standard. Depending on the product, available from -30 to 120°C. Onset's NIST traceable certification complies with ISO 10012-1:1992 (E) requirements (excluding pressure calibration certificates). Onset also offers a Certificate of Compliance which certifies logger compliance with the specifications described in its product manual.

		Part Number
	NIST Traceable Setup/logger NIST per-point/channel	NIST-SETUP NIST-TEMP-POINT
Computer Interface Cables	Interface cable for most PCs USB Cable for HOBO U-series USB Interface Cable	CABLE-PC-3.5 CABLE-USBMB ADAPT-SER-USB
Replacement Batteries	Batteries for HOBO U9, U10, U11, U12, (box of 6) Pendant	HRB-TEMP
	Replacement 4.5 Ahr battery for U30, w/ cable	HRB-U30-S045
	Replacement 10 Ahr battery for U30, w/ cable	HRB-U30-S100
	Battery for HOBO Pro v2 (U23) (single)	HP-B
Subminiature Connectors for HOBO Thermocouple Logger	for Type J wire for Type K wire for Type T wire	SMC-J SMC-K SMC-T
Additional Replacement Parts	Replacement O-Ring Kit for U12-015-03 Stainless Temp EPDM Viton	U12-015-03-ORING-KIT U12-015-ORING-E U12-015 ORING-V
	Replacement Parts Kit (U12-008) Set of two U-bolts (U12-008)	H8x4-BK U-BOLT-KIT
	Replacement RH Sensor for HOBO U23-001	HUM-RHPCB-1
	Replacement RH Sensor for HOBO U23-002/S-THB/ZW-005 & ZW-007	HUM-RHPCB-2
	Replacement Sensor for HOBO U14-001	HUM-RHPCB-3 (S/N less than 9847173) HUM-RHPCB-3A (S/N less than 9847173)
	Desiccant 25 pack for U23, UA-001/2/4	DESICCANT1
	Desiccant 25 pack for H07, U-DTW-1	DESICCANT2
	Desiccant 25 pack for UA-003	DESICCANT5
	Desiccant Pack for U12-008	DESIC-PACK
	Desiccant pack for HOBO Micro Station, LCD CASE	85-DESICCANT6
	Desiccant pack for U12-008	DESIC-PACK
	25 small Desiccant Packs for UA and U23 Loggers	DESICCANT1
	Replacement Parts Kit (UA-001/2/4)	UA-PARTSKIT
	Replacement RH Cap Kit 5-pack (S-THB and U23-002 Cables)	HUM-RHCAP2
	Replacement Sensor Cable for ZW-005 and ZW-007	CABLE-TEMP/RH
	Replacement Sensor Cable for U23-002	CABLE-U23-002
Additional Replacement Parts (continued)		

Optic USB Base Station and HOBO Waterproof Shuttle Replacement Couplers

Coupler for HOBO Pendant (with BASE-U-1)
 Coupler for HOBO Pendant (with BASE-U-4 or U-DTW-1)
 Coupler for HOBO Water Level Logger (U20)
 Coupler for HOBO Water Temp Pro v2 (U22) & Conductivity U24
 Coupler for TidbiT v2 (UTBI)
 Coupler for HOBO Pro v2 (U23)

Part Number

COUPLER-UA
 COUPLER2-A
 COUPLER2-B
 COUPLER2-C
 COUPLER2-D
 COUPLER2-E

Additional Accessories

For HOBO 4-Channel Pulse Data Logger

Spare Terminal Blocks

A-UX120-TERM-BLOCK

For HOBO E50B2 Power & Energy Meter

Single Phase Fuse Kit

T-VER-AH02

Wiring Kit

A-E50B2-LEADSET

For HOBO Water Temp Pro v2

Protective Boot, black (Cap included)

BOOT-BLK

Protective Boot, white (Cap included)

BOOT-WHT

Replacement Cap for Protective Boot, black

85-CAPLUG-H20-B

Replacement Cap for Protective Boot, white

85-CAPLUG-H20-W

For TidbiT v2 Temp Logger

Protective Boot 5-pack, black

BOOT-TIDBIT-BK

Protective Boot 5-pack, white

BOOT-TIDBIT-WH

For HOBO Water Level Logger

Water Level Logger carrying case

U20-CASE-1

Protective Housing

HOUSING-U2X

1/16 in. diameter Teflon-coated stainless steel cable

50 ft

CABLE-1-50

300 ft

CABLE-1-300

Crimp Sleeve (12-pack) for above cables

CABLE-1-CRIMP

For HOBO Conductivity Logger

Protective Housing

HOUSING-U2X

Solar Radiation Shields

Solar Radiation Shield (U23-001, 004)

RS1

Assembled Solar Radiation Shield (U23-001, 004, UA-00x-xx, U22, UTBI)

M-RSA

Solar Radiation Shield (W-TMB, U23-002, 003, S-THB-M0xx, S-TMB-M0xx)

RS3

Mounting Clamp

U23-RS-CLAMPKIT

(for mounting HOBO U23-001 in the RS1 & M-RSA ,U23-004)

Submersible Cases and Accessories

To use HOBO U10 and U12 loggers underwater

Submersible case, dome-top, white or grey

SUBC2-xx

Dome-top subcase service kit includes:

1 O-ring, 1 sealant, 1 foam disc, 2 desiccant packs

SUBCASE-KIT

25 Desiccant packs for submersible cases

DESICCANT2

Sealant for submersible cases

85-ORING