



**Fast USB
Download**



HOBO® U12-012 4 Channel Logger

- **Input: Temp/RH/Light/External.**
- **64K Memory**
- **43,000 12-bit Measurements**
- **USB Interface**

Measurement Ranges:

Temp: -20°C to +70°C; Acc $\pm 0.35^\circ\text{C}$ (0 - 50°C)
RH: 5% - 95% RH; Acc $\pm 2.5\%$ (10-90%)
Light: 1 to 3000 lumens/ft²,
Ext: 0 to 2.5 v DC; Acc $\pm 2\text{mV} \pm 2.5\%$ of abs.rdg.

64K memory (43,000 12-bit measurements).
Complete download in 30 seconds via USB.
Programmable start time/date or pushbutton start.
Programmable sampling rate (1 Sec to 18 Hr).
Numerous event types (button push/release, host PC connection, low battery) stored to data file asynchronously during logging.
Battery level indication at launch.
Battery level recorded as a separate channel.
Blinking LED confirms operation.
Non-volatile memory retains data if battery fails.
1 Year user replaceable CR-2032 battery.
Operating Range: -20°C to +70°C, 5% to 95% RH non-condensing, non-fogging.

Easy launch and readout via HOBOWare software.
Real time logging.
Continue logging during data readout/status viewing.
Data can be viewed in three formats: graphical, tabular and deployment statics.
Size: 58 x 74 x 22 mm Weight: 46 g

Order Information

HOBO U12 Temp/RH/Light/Ext
HOBOWare PRO Software
for Windows/MAC
HOBOWare LITE Software
for Windows/MAC

Part No.

U12-012
BHW-PRO-CD
BHW-LITE-CD

HOBO® U12-013 4 Channel Logger

- **Input: Temp/RH/2xExt.Channels.**
- **64K Memory**
- **43,000 12-bit Measurements**
- **USB Interface**

Measurement Ranges:

Temp: -20°C to +70°C; Acc $\pm 0.35^\circ\text{C}$ (0 - 50°C)
RH: 5% - 95% RH; Acc $\pm 2.5\%$ (10-90%)
Ext: 0 to 2.5 v DC; Acc $\pm 2\text{mV} \pm 2.5\%$ of abs.rdg.

64K memory (43,000 12-bit measurements).
Complete download in 30 seconds via USB.
Programmable start time/date or pushbutton start.
Programmable sampling rate (1 Sec to 18 Hr).
Numerous event types (button push/release, host PC connection, low battery) stored to data file asynchronously during logging.
Battery level indication at launch.
Battery level recorded as a separate channel.
Blinking LED confirms operation.
Non-volatile memory retains data if battery fails.
1 Year user replaceable CR-2032 battery.
Operating Range: -20°C to +70°C, 5% to 95% RH non-condensing, non-fogging.

Easy launch and readout via HOBOWare software.
Real time logging.
Continue logging during data readout/status viewing.
Data can be viewed in three formats: graphical, tabular and deployment statics.
Size: 58 x 74 x 22 mm Weight: 46 g

Order Information

HOBO U12 Temp/RH/2xExt
HOBOWare PRO Software
for Windows/MAC
HOBOWare LITE Software
for Windows/MAC

Part No.

U12-013
BHW-PRO-CD
BHW-LITE-CD

