

● Measurement Control and Datalogging Technology ●



U23-001
Internal Temperature
& Relative Humidity
sensors



U23-002
External Temperature
& Relative Humidity
Probes



U23-003
2 x External
Temperature Probes



U23-004
Internal & External
Temperature Probes

HOBO U23 Pro v2 Data Loggers

Pro v2 family data loggers are designed for years of reliable use in harsh outdoor or condensing environments. The Temp/RH sensor provides fast response and superior durability in humid conditions. Pro series loggers are waterproof, have high accuracy temperature and RH sensors (replaceable RH sensor) and fast and reliable download via an optic USB interface. HOBOWare software and Base Station, or Shuttle required for launch & download.

- **Memory:** 42,000 measurements
- **Sampling Rate:** 1sec to 18 hrs fixed rate or multiple logging intervals, with up to 8 user defined logging intervals and durations
- **Time Accuracy:** 1 min per month at 25°C
- **Battery Life:** 3 yrs (typical)
Replaceable ½ AA 3.6v lithium battery
- **Housing Dimensions:** 102 x 38 mm

HOBO Pro Data Logger Family

Internal Temperature & Relative Humidity Measurement

Temp. Measurement Range: -40 to +70°C Accuracy: 0.2°C over 0 to 50°C Resolution (12-bit): 0.02°C

Part No: U23-001

External Temperature & Relative Humidity Measurement

Temp. Measurement Range: -40 to +70°C Accuracy: 0.2°C over 0 to 50°C Resolution (12-bit): 0.02°C
RH Measurement Range: 0 to 100%RH Accuracy: 2.5% from 10 to 90% Resolution (12-bit): 0.03%RH

Part No: U23-002

2 x External Temperature Measurement

Temp. Measurement Range: -40 to +100°C Accuracy: 0.2°C over 0 to 50°C Resolution (12-bit): 0.02°C

Part No: U23-003

Internal & External Temperature Measurement

Internal Temp. Meas. Range: -40 to +70°C Accuracy: 0.2°C over 0 to 50°C Resolution (12-bit): 0.02°C
External Temp. Meas. Range: -40 to +100°C Accuracy: 0.2°C over 0 to 50°C Resolution (12-bit): 0.02°C

Part No: U23-004

Software/Base Station/Shuttle

HOBOWare Pro Software (Windows)
HOBOWare Pro Software (MAC)
HOBOWare Lite Software
Optic USB Base Station
HOBO Waterproof Shuttle

Part No: BHW-PC
Part No: BHW-MAC
Part No: BHW-LITE
Part No: BASE-U-4
Part No: U-DTW-1