

HOB0[®] U12 Outdoor/Industrial

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- Weatherproof enclosure for monitoring in condensing environments
- 4 channels of external input allow monitoring of multiple measurements up to 50 feet from the logger
- Accepts Temperature, AC current, AC voltage, CO₂, or third-party sensors via 0-2.5VDC or 4-20mA cables
- 12-bit resolution provides high accuracy

Memory: 43,000 measurements
 Sample rate: 1 second to 18 hours, user-selectable
 Battery Life: 1-year (typical)—user-replaceable



HOB0 U12 Outdoor/ Industrial #U12-008

Size/Weight:
 14.0 x 13.7 x 3.2 cm
 (5.50 x 5.38 x 1.25 in)
 200 g (7 oz)



External Input

Input range: 0 to 2.5 volts DC
 Accuracy: ±2mV ±2.5% of absolute reading
 Resolution (12-bit): 0.6mV
 Output power: 2.5 volts DC at 2mA, active only during measurements
 Maximum recommended source impedance: 2.5k ohms

NOTE: Inputs share a common ground

HOB0 U12 Outdoor/Industrial Ordering Information

Description	Part No.
HOB0 U12 4-Channel Outdoor/Industrial	U12-008
Sensors	
Air/water/soil temperature sensor with 1' cable	TMC1-HD
with 6' cable	TMC6-HD
with 20' cable	TMC20-HD
with 50' cable	TMC50-HD
Stainless steel temp probe	TMC6-HC
Split-Core AC current sensors	
0-20 Amps AC	CTV-A
0-50 Amps AC	CTV-B
0-100 Amps AC	CTV-C
0-200 Amps AC	CTV-D
0-600 Amps AC	CTV-E
ConLab AC voltage transmitters (requires Input Cable CABLE-4-20mA)	
0 to 150 Volts AC	T-CON-ACT-150
0 to 300 Volts AC	T-CON-ACT-300
DC Voltage input cable	CABLE-2.5-STEREO
4-20mA input cable	CABLE-4-20mA
Telaire CO ₂ /temp monitor	TEL-7001
CO ₂ -to-logger cable	CABLE-CO2

Software and Communication

<i>HOB0ware includes USB interface cable</i>	
HOB0ware [®] Pro Software (Windows [®])	BHW-PC
HOB0ware Pro Software (Mac)	BHW-MAC
HOB0ware Lite (Windows /Mac)	BHW-LITE

Optional Communications

HOB0 U-Shuttle	U-DT-1
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Patented technology (U.S. Patent 6,826,664)