WatchDog® A-Series Data Loggers

The most affordable way to track environmental conditions for analysis
- Measure temperature, humidity, leaf wetness and CO_2
- LCD display confirms logger operation and displays last sensor readings
- Select measurement intervals from 1 to 120 minutes
- Log 4,000 to 8,000 intervals in fail-safe EEPROM data memory
- Water-resistant case (IP65 for A150 and A110, IP54 for A125 and A130); A160 is for indoor use only and must be protected from moisture
- Removable soft caps keep ports clear of debris
- Includes CR2 battery, 12-month life (except A160, which requires A/C; international adapter included)
- **SpecWare™ 9 Basic or Pro (page 22) and the A-Series PC Connection Cable are required (see below)**

Operating temperature range: -22 to 140°F (-30 to 60°C); A160: 32 to 122°F (0 to 50°C)
Temperature range: -40 to 185°F (-40 to 85°C); A160: 14 to 140°F (-10 to 60°C)
Accuracy: ±1.1°F (±0.6°C) at -4 to 122°F (-20 to 50°C), else ±2.2°F (±1.2°C); A160: ±1.0°F (±0.6°C)
RH range: 0 to 100%, Accuracy: ±3% from 10-90% at 77°F (25°C), else ±5%
CO_2 range: 0 to 9999 ppm, Accuracy: ±50 ppm ±5% of reading (0 to 2000 ppm), else unspecified

DESCRIPTION	INTERNAL SENSOR	INTERVALS	RADIATION SHIELD
MODEL A160 Item 3611A	AIR TEMPERATURE RH, CO_2	5,333	INDOOR USE ONLY (NO SHIELD AVAILABLE)
MODEL A150 Item 3612A	AIR TEMPERATURE RELATIVE HUMIDITY	5,333	OPTIONAL
MODEL A130 Item 3610A	AIR TEMPERATURE EXTERNAL LEAF WETNESS	4,000	INCLUDED
MODEL A125 Item 3617A	AIR TEMPERATURE EXTERNAL TEMPERATURE	4,000	RECOMMENDED
MODEL A110 Item 3618A	AIR TEMPERATURE	8,000	OPTIONAL

Item 3661A   **WatchDog A-Series PC Connection Cable - USB**
Item 3663A   **Radiation Shield (needed for outdoor use)**

3612A

3611A

3617A

WatchDog® B-Series Button Loggers

Space efficient and inexpensive logging technology
- Ideal for shipping containers or situations where multiple areas need to be monitored
- Choose from temperature-only or temperature/humidity models
- Water resistant (IP56) stainless steel case
- Select measurement intervals from 1 to 120 minutes
- Log 2,000 to 8,000 intervals
- Integral non-replaceable battery
- **SpecWare Basic or Pro software (page 22) and the B-Series Docking Station are required (see below)**

DESCRIPTION	INTERNAL SENSOR	INTERVALS	LCD DISPLAY
MODEL B102 T/RH Item 3621WD	TEMPERATURE RELATIVE HUMIDITY	4000	NO
Temp Range: -4 to 185°F (-20 to 85°C) Temp Accuracy: ±1.1°F from 5 to 149°F (±0.6°C from -15 to 65°C) Humidity: 0 to 100%, ±5%			
MODEL B101 8K Item 3620WD	TEMPERATURE	8000	NO
Range: -40 to 185°F (-40 to 85°C) Accuracy: ±1.1°F from 5 to 149°F (±0.6°C from -15 to 65°C)			
MODEL B100 2K Item 3619WD	TEMPERATURE	2000	NO
Range: -40 to 185°F (-40 to 85°C) Accuracy: ±1.8°F from -22 to 158°F (±1.0°C from -30 to 70°C) Use included plastic bag when measuring soil temperature			

Docking Stations

Item 3655K1   **WatchDog B-Series Docking Station - USB***
Item 3655K   **WatchDog B-Series Docking Station - Serial**

*Requires SpecWare 9 (v9.1 or later)

Ideal for soil temperature