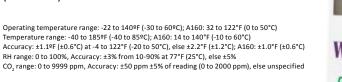# WatchDog® A-Series & B-Series Data Loggers

3611A

A-Series Data Loggers

The most affordable way to track environmental conditions for analysis.

• 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 AC power; international adapter included)

How do you access the data?

• LCD display confirms logger operation and displays last sensor readings
• Hook up A-Series Loggers to your computer with PC Connection cable (see below), requires SpecWare Basic or Pro
• Select measurement intervals from 1 to 120 minutes
• Direct connect requires SpecWare Basic or Pro plus A-Series PC Cable (see below)

Operating temperature range: -22 to 140ºF (-30 to 60ºC); A160: 32 to 122°F (0 to 50°C)
Temperature range: -40 to 185ºF (-40 to 85ºC); A160: 14 to 140°F (-10 to 60°C)
Accuracy: ±1.1ºF (±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

3612A

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

3617A

3661A	**WatchDog® A-Series PC Connection Cable - USB Port** (required to download data)
3663A	**Radiation Shield** (needed for outdoor use)

B-Series Data 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

How do you access the data?

•Snap the B-Series Data Loggers into the Docking Station and connect it to your PC to see data. Requires SpecWare Basic or Pro

DESCRIPTION	INTERNAL SENSOR	INTERVALS	LCD DISPLAY
MODEL B102 T/RH 3621WD 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%	TEMPERATURE RELATIVE HUMIDITY	4000	NO
MODEL B101 8K 3620WD 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)	TEMPERATURE	8000	NO
MODEL B100 2K 3619WD 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*	TEMPERATURE	2000	NO

Docking Station

3655K1	**WatchDog® B-Series Docking Station - USB Port** (required to download data)

B102

B101

B100

Ideal for soil temperature

Spectrum Technologies, Inc.