BOXLIGHT®
Presenting a Better Way

Labdisc

It's time for something new

Wireless, compact data logger for every science, with up to 15 built-in sensors.

Clear the clutter with a single device.

Inquiry-based learning was never so easy!

- **All-in-one, complete lab in the palm of your hand**
- **Next generation wireless technology**
- **Autonomic for indoor and outdoor science**
- **Ever ready – zero setup time, with automatic sensor testing & calibration**
- **Over 150 hours of battery life**
- **Interactive multi-disciplinary experiment books for K-12**
- **Seamlessly integrating with latest technologies in the digital classroom**

worlddidac

AWARDS of EXCELLENCE winner! TECH4LEARNING

WINNER e-learning awards 2013

Intel® Education Alliance

Patent pending

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Specifications

	Labdisc biochem	Labdisc enviro	Labdisc gensci	Labdisc physio
Science parameter	BIOLOGY & CHEMISTRY	ENVIRONMENT	GENERAL SCIENCE	PHYSICS
Supported platforms	Standalone, PC, MAC, iPad, Linux, Android	Standalone, PC, MAC, iPad, Linux, Android	Standalone, PC, MAC, iPad, Linux, Android	Standalone, PC, MAC, iPad, Linux, Android
Built-in sensors	Air Pressure, Amb. Temperature, Barometric Pressure, Colorimeter, Conductivity, Dissolved Oxygen (electrode sold separately), GPS, Heart Rate, Light, pH, Relative Humidity, Thermocouple, Turbidity, Universal Input	Barometer, Sound Level, Colorimeter, Dissolved Oxygen (electrode sold separately), GPS, IR Temperature, pH, Relative Humidity, Temperature, Turbidity, Universal Input	Air Pressure, Current, GPS, Light, Microphone, Motion, pH, Relative Humidity, Temperature, Universal Input, Voltage	Accelerometer, Air Pressure, Amb. Temperature, Current, Ext. Temperature, Light, Low Voltage, Microphone, Motion, Universal Input, Voltage
GPS data logging	Yes	Yes	Yes	No
Remote data logging	Yes	Yes	Yes	Yes
Max. sampling speed	100/s	10/s	24,000/s	24,000/s
Sampling resolution	12-bit	12-bit	12-bit	12-bit
Int. measurement storage	128,000 samples	128,000 samples	128,000 samples	128,000 samples
Int. rechargeable battery	LiPO 7.2 V	LiPO 7.2 V	LiPO 7.2 V	LiPO 7.2 V
Battery life	> 150 hours	> 150 hours	> 150 hours	> 150 hours
Display	Graphical LCD 64 x 128 pixels	Graphical LCD 64 x 128 pixels	Graphical LCD 64 x 128 pixels	Graphical LCD 64 x 128 pixels
Keypad	Yes	Yes	Yes	Yes
USB communication	USB 2.0	USB 2.0	USB 2.0	USB 2.0
Wireless communication	Bluetooth V2.0	Bluetooth V2.0	Bluetooth V2.0	Bluetooth V2.0
Automatic sensor testing	Yes	Yes	Yes	Yes
Auto sensor calibration	Yes	Yes	Yes	Yes
Size (round disc)	ø = 132, H = 45 mm	ø = 132, H = 45 mm	ø = 132, H = 45 mm	ø = 132, H = 45 mm
Weight	300 gr.	300 gr.	300 gr.	300 gr.
Temperature range	-10 to 50 °C	-10 to 50 °C	-10 to 50 °C	-10 to 50 °C
Standard compliance	CE, FCC	CE, FCC	CE, FCC	CE, FCC
External power supply	100-240 V AC/12 V DC 1A	100-240 V AC/12 V DC 1A	100-240 V AC/12 V DC 1A	100-240 V AC/12 V DC 1A
Software	GlobiLab	GlobiLab	GlobiLab	GlobiLab
Accessories	Table stand, carry bag (optional)	Table stand, carry bag (optional)	Table stand, lab stand adapter, carry bag (optional)	Table stand, lab stand adapter, carry bag (optional)

Patent pending

About BOXLIGHT

BOXLIGHT has been developing award-winning interactive technology and classroom solutions for schools and customers around the world for 30 years. Our product innovation is built on customer need and we strive to provide the best customer experience in the industry. Period.

BOXLIGHT's numerous awards and recognition for innovative products and stellar service speak for themselves. See why so many school districts and customers choose BOXLIGHT.

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