

# GroPoint™

Growing innovation.

## GP-DLBT Bluetooth SDI-12 Datalogger Kit

### Connect up to 10 SDI-12 Sensors.

The Bluetooth SDI-12 Datalogger Kit includes the Bluetooth SDI-12 Datalogger (Part 2992), along with a 4-Port SDI-12 Expansion Bar, M12 Male to Female Cable and 3.6V C-Cell Battery.

With two expansion bars, the Bluetooth Sensor Pod can connect up to 8 SDI-12 GroPoint Sensors. When using the GroPoint expansion bar, sensors require M12 connectors.

This product uses the free GP-Reader Android App.

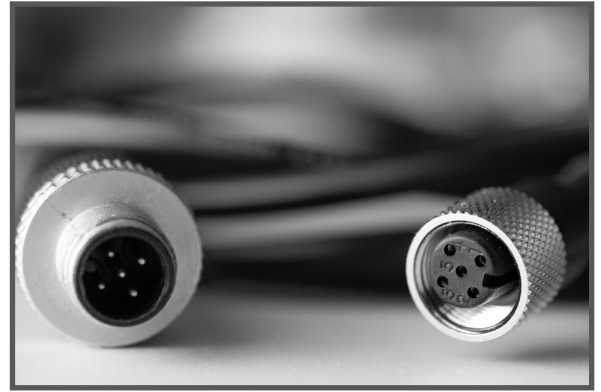
This kit will allow you to connect four SDI-12 Sensors. To connect eight sensors, you will need an additional M12 Male to Female Cable and 4-Port Expansion Bar, as well as a 2-Port Expansion Bar (see diagram on page 3).



With Free  
GP Reader  
Android  
APP!

# What's Included

Part Name and Quantity	Part No.
1 x GP-DLBT Bluetooth SDI-12 Datalogger	Part 2992
1 x M12 Male to Female Cable	Part 2999
1 x 4-Port Expansion Bar	Part 2998
1 x Li-SOCi2 C-Cell Battery	Part 6230



**GP-DLBT Bluetooth SDI-12 Datalogger (Part 2992)**

This datalogger is both a data logger and a wireless access point. It can be left in the field connected to your sensors, allowing you to access the data when convenient.



**M12 Male to Female Cable (Part 2999)**

2 Meter Cable with 1 male and 1 female connector. Connectors are 5 Pin M12 waterproof rated.



**4-Port Expansion Bar (Part 2998)**

Connects to any open channel of a GroPoint data logger and provides connectors for up to four more sensors. Adds 3 additional ports (you lose 1, you gain 4).



**Li-SOCi2 C-Cell Battery (Part 6230)**

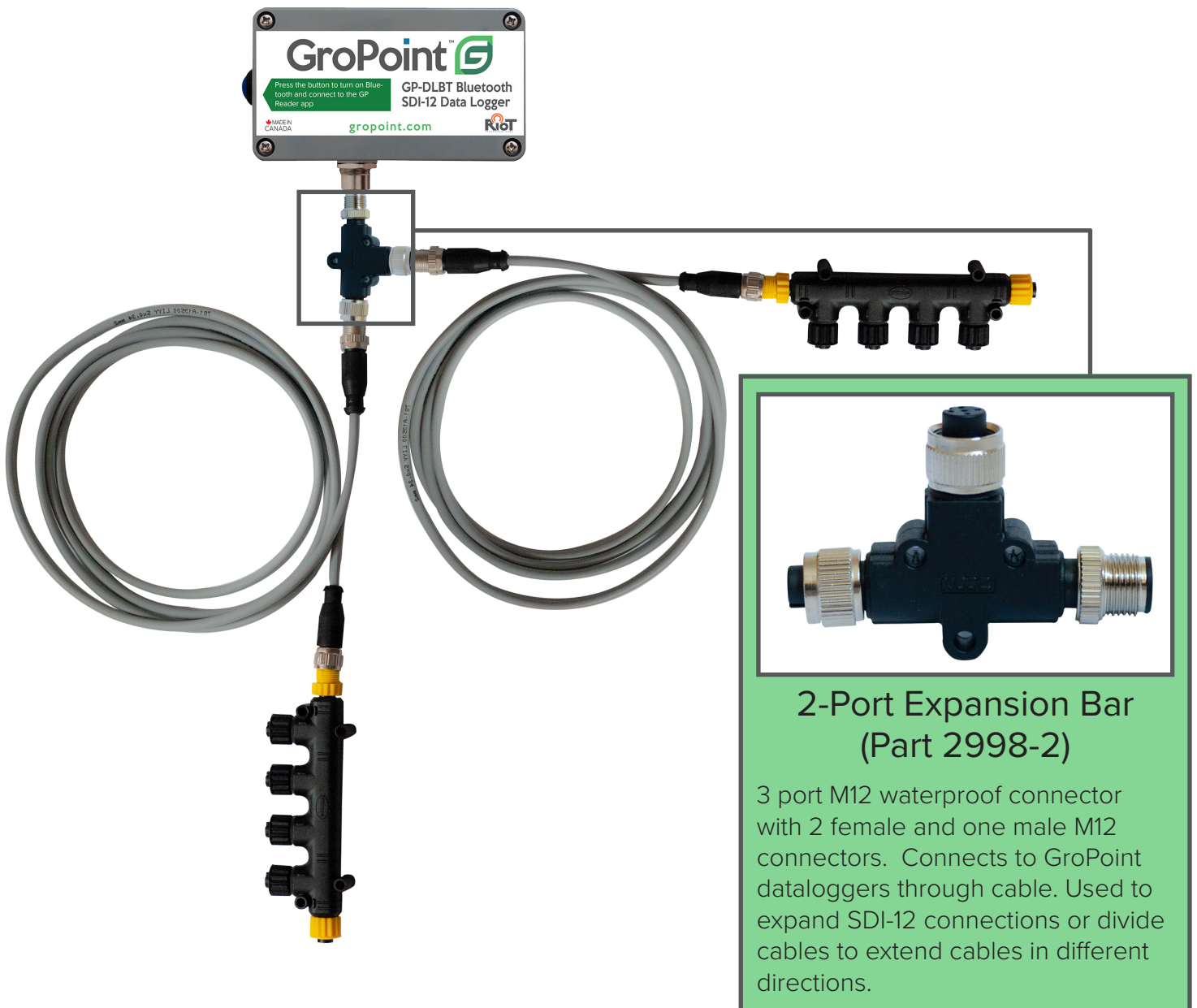
5.8 Ah -3.6 V Primary, high power, C-size spiral cell. Discharge temp range: -55C to +85C. Up to 2000 mA pulse current.

# Connecting More Than Four Sensors

This kit will allow you to connect four SDI-12 Sensors. To connect eight sensors, you will need an additional M12 Male to Female Cable (Part 2999) and 4-Port Expansion Bar (Part 2998), as well as a 2-Port Expansion Bar (Part 2998-2).

## How to Connect Up to Eight Sensors

Connect the 2-Port Expansion Bar to your GP-DLBT Bluetooth SDI-12 Datalogger. Then connect each Expansion Bar to the end of a M12 Male to Female Cable. Finally connect the open ends of the M12 cable to the open ends of the 2-Port Expansion Bar.



# Technical Specifications

<b>Output</b>	CSV text file via USB cable (included)
<b>Sensor interface</b>	SDI-12 / RS-485 (SDI-12 version)
<b>Sensor port connector</b>	1 x M12 - 5 pin female
<b>Wireless protocol</b>	Bluetooth 4.0 LE
<b>Maximum number of sensors</b>	10 (via multiple 4-Port SDI-12 Expansion Bars)
<b>Storage</b>	4 MB This is the equivalent of: > 200K GroPoint Lite measurements > 80K moisture and temperature measurements from a GroPoint Profile 4-segment sensor
<b>Measurement interval</b>	Configurable by user, 1 minute to 12 hours
<b>Operating temperature range</b>	-20°C to 65°C (-4°F to 150°F)
<b>Storage temperature range</b>	-20°C to 70°C (-4°F to 160°F)
<b>Power</b>	Operates on a Primary C-Cell 8 Ah battery (3.6V) - (battery not included) OR 2 x AA alkaline batteries
<b>Battery life</b>	Up to several years, depending on measurement interval and battery selection
<b>Environmental sealing</b>	Enclosure: IP65 Push button: IP67 Sensor connectors: IP66/IP68
<b>Dimensions</b>	11.4cm x 8.0cm x 6.0cm (4.49" x 3.15" x 2.36")
<b>Weight</b>	216 g (7.62 oz)
<b>Warranty</b>	1-year limited parts and labour
<b>Part No.</b>	Part 2992-KIT

GroPoint Products are manufactured in Canada by RioT Technology Corp.

In 2016, RioT Technology Corp. acquired the GroPoint™ brand.

We also hired several longstanding employees of ESI who had manufactured and designed the original MoisturePoint and GroPoint products. As such, we have the historical expertise for all GroPoint products in-house and available to assist former clients of ESI, and new clients interested in leveraging over 25 years of soil monitoring expertise.

**GroPoint™** 



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