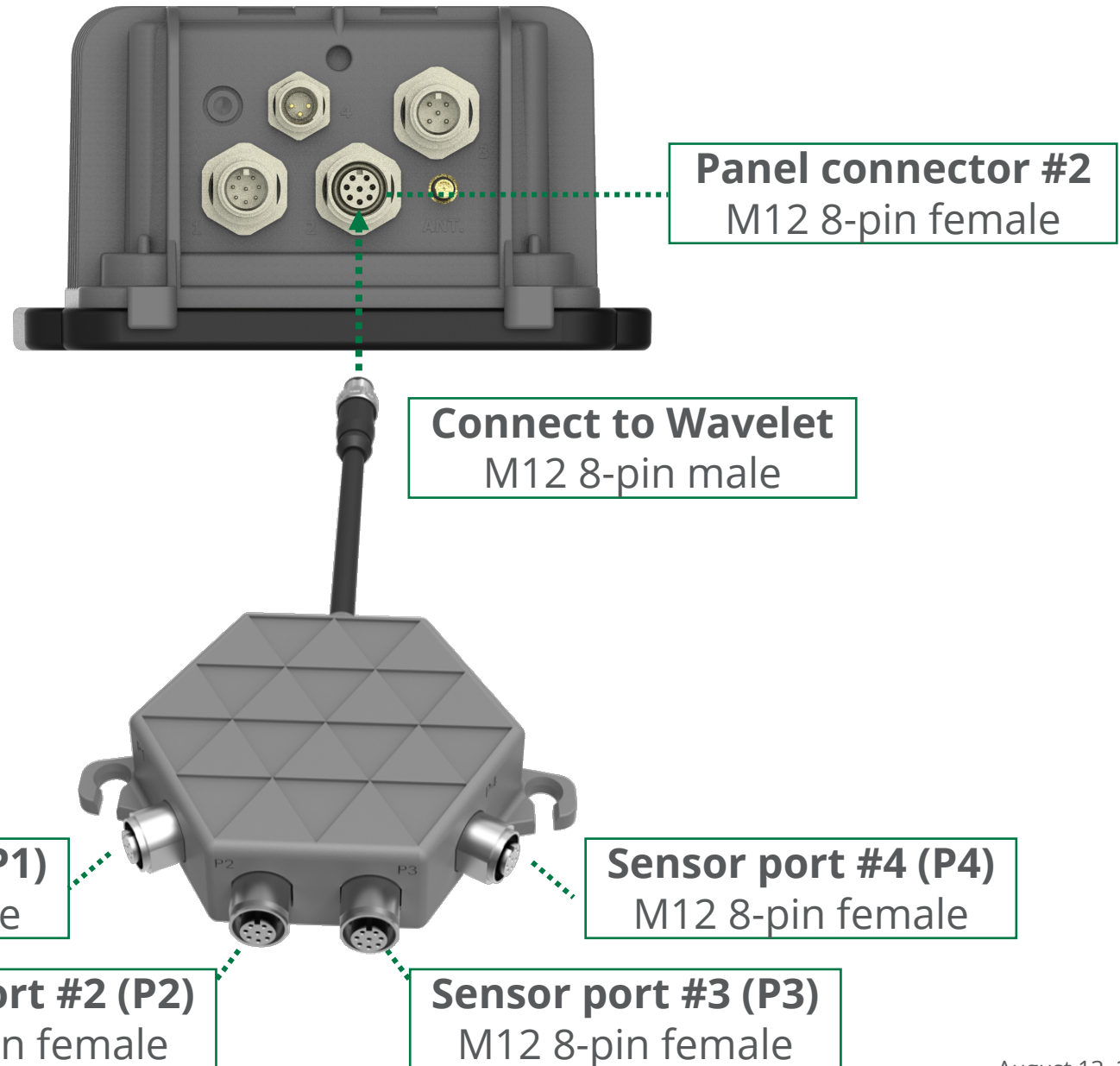# Pinout: 4-port Serial Cable Splitter

For technical support, contact:
support@ayyeka.com
+1 (310) 876-8040 Ext. 3 (US)
+31 (40) 209-1001 Ext. 3 (EMEA)

Panel connector #2
M12 8-pin female

Connect to Wavelet
M12 8-pin male

Sensor port #1 (P1)
M12 8-pin female

Sensor port #4 (P4)
M12 8-pin female

Sensor port #2 (P2)
M12 8-pin female

Sensor port #3 (P3)
M12 8-pin female

August 13, 2020

Pinout: 4-port Serial Cable Splitter for Wavelet V2

WA1111-US-V2, WA1111-EU-V2, WA1111-SA-V2

Pin #	Function	Description	Port #1	Port #2	Port #3	Port #4
1	Signal	RS232 TX	Pin 1	Pin 1	Pin 1	Pin 1
2	Supply+	Wavelet 12V Power Supply #4 (+)	Pin 2	Pin 2	Pin 2	Pin 2
3	Supply+	Wavelet 12V Power Supply #3 (+)	Pin 3	Pin 3	Pin 3	Pin 3
4	Signal	SDI-12	Pin 4	Pin 4	Pin 4	Pin 4
5	Signal	RS485 B	Pin 5	Pin 5	Pin 5	Pin 5
6	Signal	RS485 A	Pin 6	Pin 6	Pin 6	Pin 6
7	Signal	RS232 RX	Pin 7	Pin 7	Pin 7	Pin 7
8	Common	GND	Pin 8	Pin 8	Pin 8	Pin 8

⚠ **IMPORTANT NOTES:** The 4-port serial cable splitter can be configured for up to four (4) RS485/SDI-12 inputs or up to three (3) RS485/SDI-12 and one (1) RS232 inputs. While RS232 pins are available on all ports, only one RS232 device can be connected simultaneously. Please make note of the two pins for power supply (+) and two pins for negative (-) when wiring sensor inputs.

The RS232 TX signal line of a sensor should be connected to the pin for RS232 RX signal of the Wavelet, and the RS232 RX signal line should be connected to the pin for the RS232 TX signal line of the Wavelet.

The RS485 A signal line of a sensor should be connected to the pin for RS485 A signal of the Wavelet, and the RS485 B signal line should be connected to the pin for the RS485 B signal line of the Wavelet.

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Pinout: 4-port Serial Cable Splitter for Wavelet

WA1111-US, WA1111-EU, WA1111-SA

Pin #	Function	Description	Port #1	Port #2	Port #3	Port #4
1	Signal	RS232 TX	Pin 1	Pin 1	Pin 1	Pin 1
2	Supply+	Wavelet 12V Power Supply #4 (+)	Pin 2	Pin 2	Pin 2	Pin 2
3	Supply+	Wavelet 12V Power Supply #3 (+)	Pin 3	Pin 3	Pin 3	Pin 3
4	Signal	SDI-12	Pin 4	Pin 4	Pin 4	Pin 4
5	Signal	RS485 B	Pin 5	Pin 5	Pin 5	Pin 5
6	Signal	RS485 A	Pin 6	Pin 6	Pin 6	Pin 6
7	Signal	RS232 RX	Pin 7	Pin 7	Pin 7	Pin 7
8	Common	GND	Pin 8	Pin 8	Pin 8	Pin 8

⚠ **IMPORTANT NOTES:** The 4-port serial cable splitter can be configured for up to four (4) RS485/SDI-12 inputs or up to three (3) RS485/SDI-12 and one (1) RS232 inputs. While RS232 pins are available on all ports, only one RS232 device can be connected simultaneously. Please make note of the two pins for power supply (+) and two pins for negative (-) when wiring sensor inputs.

The RS232 TX signal line of a sensor should be connected to the pin for RS232 RX signal of the Wavelet, and the RS232 RX signal line should be connected to the pin for the RS232 TX signal line of the Wavelet.

The RS485 A signal line of a sensor should be connected to the pin for RS485 A signal of the Wavelet, and the RS485 B signal line should be connected to the pin for the RS485 B signal line of the Wavelet.

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