

WSP-1

Weather Station Splitter

The Weather Station Splitter (WSP-1) is a specialized data-sharing device designed for the MBS-WS Weather Station Sensor. It facilitates the simultaneous connection of a single MBS-WS unit to multiple Green-X controllers, ensuring concurrent data transmission across the greenhouse management network. WSP-1 is optimized for high stability and signal integrity over extended distances.



Specifications

WSP-1

Input Voltage

Input Voltage	12V DC ± 1V
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Operating Current

Operating Current	30mA
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Package Dimensions

Size	6.14inch /156mm (L) x 3.27inch / 83mm (W) x 1.18inch / 30mm (H)
Gross Weight	0.18lbs / 0.08kg

Working Environments

Temperature	32~104°F (0~40°C)
Humidity	≤90%RH

Package Contents

Weather Station Splitter	1pc
RJ12 Female to Female Coupler	2pcs

Installation

WSP-1

1. **Connectivity:** Connect the primary RJ12 input port of the WSP-1 to the **MBS-WS Weather Station**.
2. **A) Dual Controller Link:** Attach the two secondary signal output cables to two separate GCS-1 Controllers using standard RJ12 cabling.

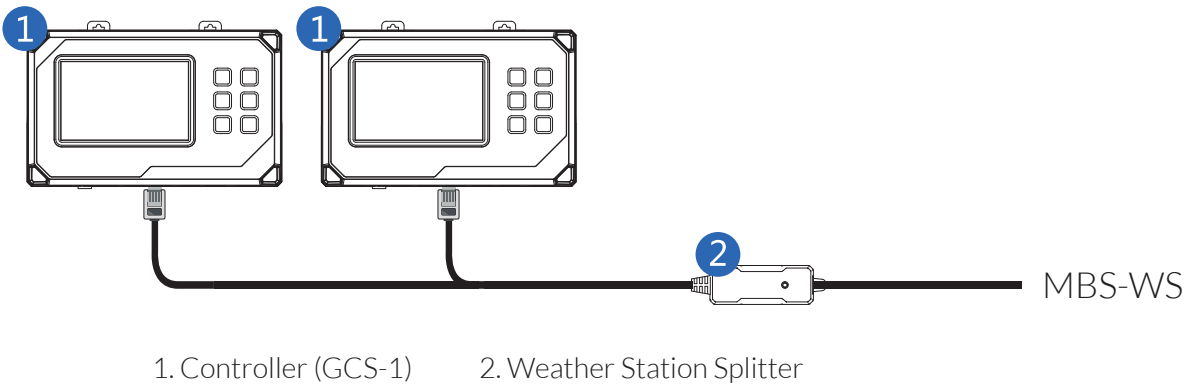
B) Multiple Controllers Link: Daisy Chain multiple WSP-1 together, attach the signal output cables to all separate **GCS-1 Controllers** using standard RJ12 cabling.
3. **Verification:** Monitor both GCS-1 units to ensure the sensor readings (wind velocity, rainfall, temperature, etc.) are synchronized and consistent.
4. **Signal Testing:** Verify that connecting or disconnecting the RJ12 ports does not result in erratic data values on the controller displays.

Link Up

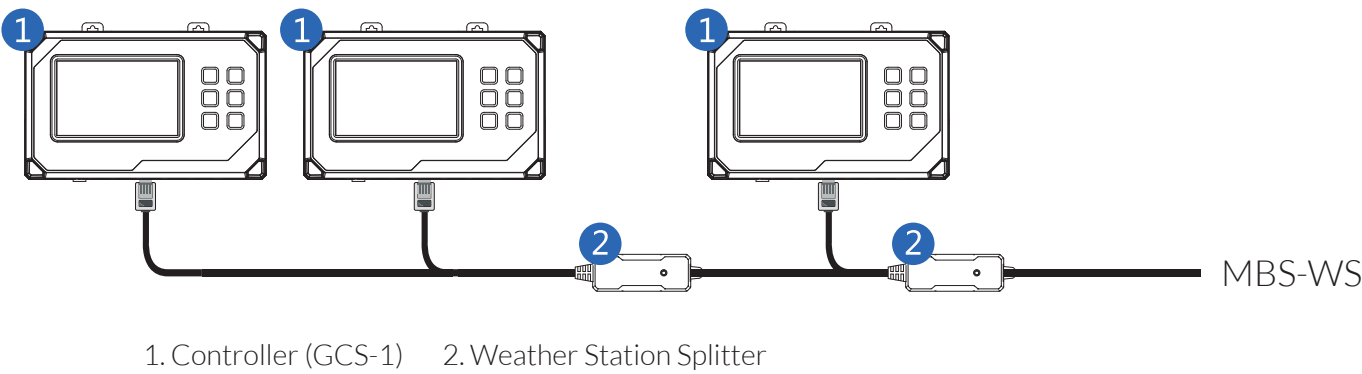
WSP-1

Connection Diagram

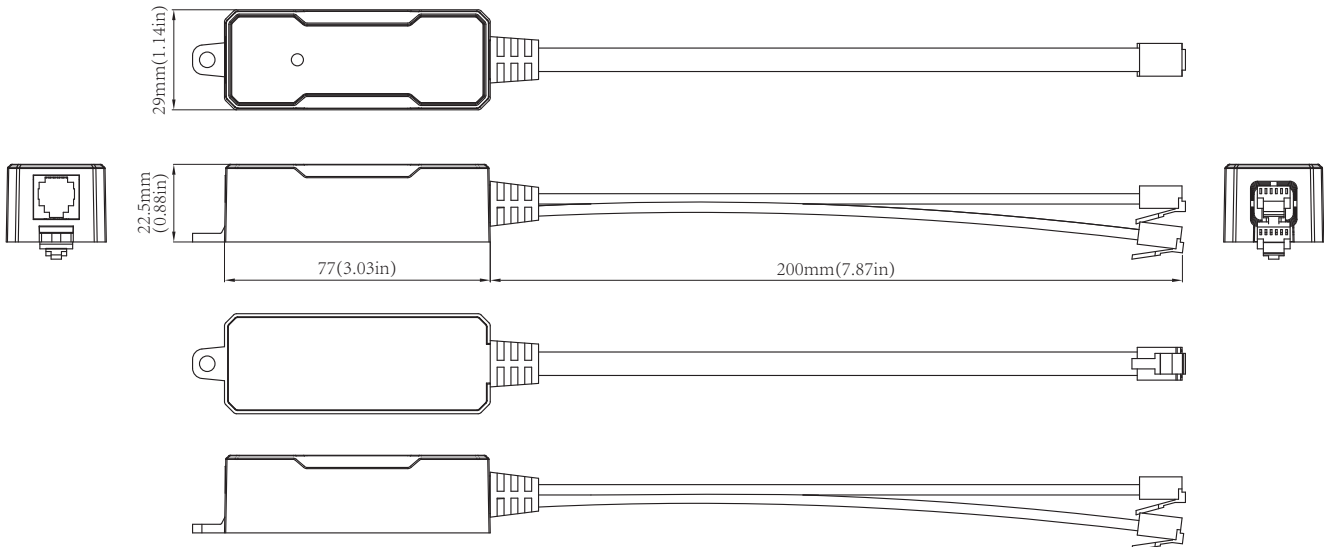
(A) Dual Controller Link



(B) Multiple Controllers Link



Product Dimensions



FC RoHS



For more details and to access full information, please click or scan the QR code above.