

The **RJ-HUB** is a multi-port RJ12 hub that can be used to connect sensors and device modules to the main Croptiva controller, instead of using multiple RJ12 Y-splitters. Each sensor or device module comes with a RJ12 cable Y-splitter which can be used to interconnect to the main Croptiva controller. The RJ-HUB makes connecting all of your Sensors and Devices to the main Croptiva controller easier with improvements in reliability.

Croptiva's main controllers utilize "**universal RJ ports**" that can accept sensors AND devices. A single RJ-HUB can be used to connect **ALL** sensors and device modules using a single cable connected to the SEN-1 or GUARD-1 controller. For larger installations, the RJ-HUB(s) can also be "daisy-chained" to link to additional RJ-HUBs to allow dozens of device modules and sensors to be professionally and reliably connected to the Croptiva main controller.

The RJ-HUB features 16 RJ12 output ports, 2 input ports & 6 hard-wired 4-pin spring-loaded terminal blocks. The included 24vdc power supply will boost power to all of the Sensors and Devices connected to the RJ-HUB. The RJ-HUB is IP66 to protect all of the cable connections from moisture and corrosion. ***NOTE: A short RJ12 cable is provided to "jump" both halves of the RJ-HUB boards together.**

A 24vdc power supply is included with the RJ-HUB. The power supply will provide additional power to all of the devices connected to the main controller. ***NOTE: The provided 24vdc power supply is NOT required when using the SEN-1.**

To connect the RJ-HUB module, simply connect an RJ12 cable from one of the port on the RJ-HUB to one of the Sensor / Device RJ12 ports on your Croptiva controller using the provided RJ12 cable. You can use the short RJ12 cable provided with the RJ-HUB to join the 2 separate PCB inside the RJ-HUB together to make a 16-port expansion hub. (The single RJ port at the top of each PCB should be connected together to "join" all 16 RJ ports together.) The RJ-HUB then provides a centralized wiring "hub" to connect up to 16 device and sensors, replacing multiple Y-splitters with a cleaner and more effective cable connection system.

RJ-HUB / Specifications



Model	RJ-HUB / RJ12 16-Port Universal Hub
Protection Level	IP66
Product Dimensions	5.3"x6.1x3.3" / 135x155x85mm
Operating Temperature	0-50°C / 32-122°F
Operating Humidity	100% rH (Waterproof enclosure)
Operating Input Voltage	24VDC
Power Consumption	≤1-amp
RJ12 plug-in ports	2 Inputs, 16 outputs (2x9 RJ12 PCBs)
Hardwire terminal ports	6 x 4-wire spring type terminal strips
Power supply input type	N. America / Nema 5-15, Nema 6-15, Europe / Schuko, UK, AU