

The **WMINI-1** module is used to control most brands of mini-split or inverter type Air Conditioning systems. As long as your mini-split AC has a hand-held remote control, the WMINI-1 can be programmed to control it simply by using the hand-held remote control that came with your mini-split AC. We have designed a simple “one-button” or “teach & learn” function to allow the WMINI-1 to “learn” all of the temp settings from your remote control. When that step is complete, the WMINI-1 allows the Croptiva SEN-1, **Sentry** or **GUARD-1 Guardian** main controllers to take control of the mini-split, providing separate Day and Night settings and more.

The WMINI-1 features its own built-in digital display to make it easy to remotely check the current temperature setpoint for the mini-split. The WMINI-1 communicates with the Croptiva main controller. The WMINI-1 then sends the user’s desired temperature setting to your mini-split AC using a remote IR / Wireless emitter. The Minisplit AC unit then controls itself based on the temperature setting sent from the WMINI-1.

The WMINI-1 comes with a remote IR emitter that has a 10ft / 3m long cable. The IR emitter is plugged into the bottom of the WMINI-1. The IR emitter sends an infrared signal to the mini-split. The small IR emitter should be positioned as close to the indoor mini-split head unit as possible. It needs to be positioned so that it is “pointed” at the mini-split head unit IR receiving window. Ensure the IR emitter is not too close to artificial lights or other equipment to avoid interference with the infrared communication between the WMINI-1 emitter, and the mini-split head unit. **\* Besides the remote IR emitter, the WMINI-1 also has a small built-in IR emitter on the front of the module that will send a signal to the Minisplit unit. Either method will work.**

To connect the WMINI-1 module, simply connect it to the RJ12 Sensor / Device port on your Croptiva controller using the provided RJ12 cable and Y-splitters. You can replace multiple RJ12 Y-splitters with the UNIVERSAL multi-port RJ12 “powered” hub (RJ-HUB) to provide a centralized wiring “hub” to connect multiple device modules (AND sensors) to your Croptiva main controller. The RJ-HUB and Croptiva’s UNIVERSAL expansion ports provide a cleaner and more effective cable connection system.

**\* The WMINI-1 module itself is NOT waterproof and must be positioned so that it is not exposed to mist or moisture directly.**

## WMINI-1 / Specifications



Model	WMINI-1 / Mini-split AC module
Protection Level	IP20
Product Dimensions	3.81x3.34x1.20" / 97x85x31mm
Operating Temperature	0-50°C / 32-122°F
Operating Humidity	≤90%, Non-Condensing
Operating Voltage	DC 24V
Power Consumption	≤12mA
LCD Screen	1.7" / *Shows current setting
Cable type / Connection	RJ12, 6P6C, 6-wire cable
IR emitter cable & Connection	10ft / 3m, Quick disconnect
Certifications	FCC