

EC1 Control Gateway Setup Manual

Introduction: The EC1 control gateway enables the user to connect wireless devices to the network and have internet access to remotely manage these devices. It has built in password protection and built Firewall support. The EC1 contains an internal 802.15.4 radio which is the Pan Coordinator for wireless devices that connect to the EC1. In addition it has an optional RS485 port for wired building control devices.

Setup: Please perform the following steps when first setting up the EC1 control gateway.

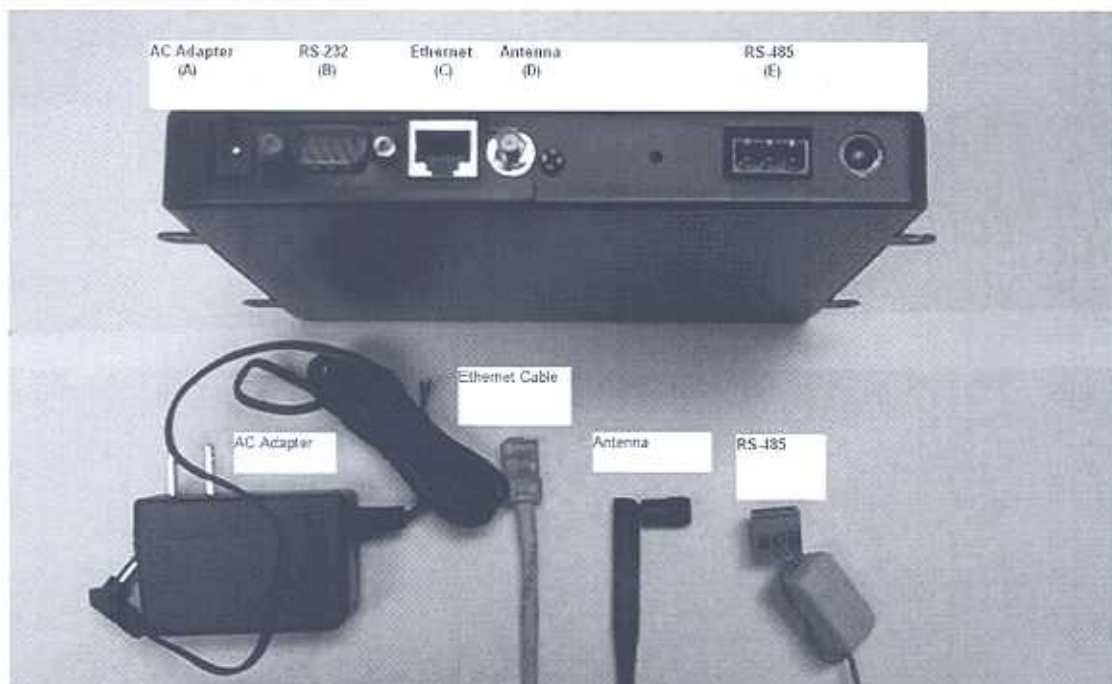
Hardware Setup: Unpack the antenna, AC power adapter and EC1 from the box. The back of the EC1 contains all the connectors that are needed to power up and setup the unit.

Take the removable antenna and attach it to the EC1 antenna connector (location D) of figure 1.0 below. Attach the antenna to the SMA connector by screwing it in clockwise.

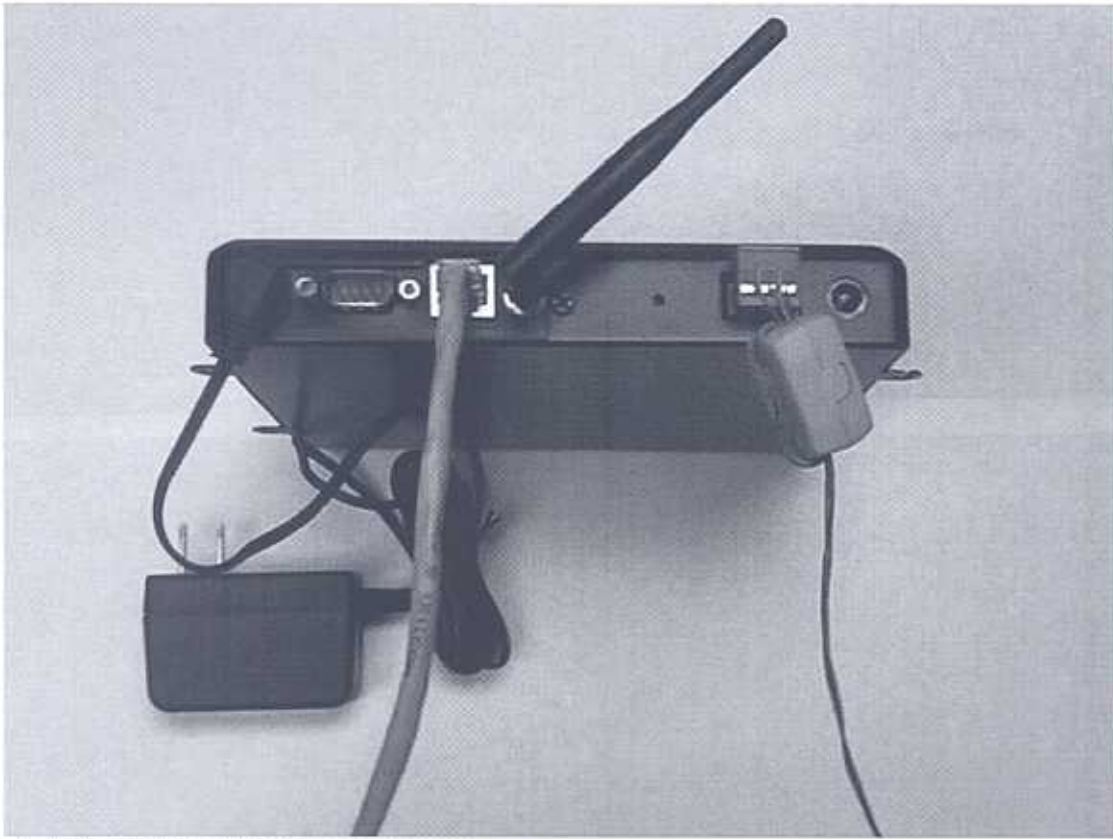
Attach the green screw terminal block to the built in RS485 connector of the EC1 (location E).

Attach a standard ethernet cable to the RJ45 connector of the EC1 (location C).

Plug the 5V power plug to the power jack on the rear of the EC1 (location A).



Once all the items are plugged into the EC1 it should look like the following image.



At this point the EC1 is ready to power up.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: This equipment is authorized for use under the United States Federal Communication Commission Rules and Regulations, Code of Federal Regulations Chapter 47 part 15 and must be installed in accordance with the instructions provided in this document. Failure to install or operate this equipment as instructed in this document could void the user's authority to operate the equipment. This equipment contains no user serviceable parts. Any modification or repairs to the internal components or to the antenna configuration of the equipment without the express written consent of Everex Communications, Inc. could void the user's authority to operate the equipment.

Note: To comply with FCC RF exposure requirements in section 1.1307, a minimum separation distance of 20cm (8 inches) is required between the equipment and all persons.

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