Quick Installation & Start Guide

The UgMO UG1000B Bridge is part of the UG1000 family of products. The Bridge is responsible for making the internet connection between the UG1000 system and UgMO Knows.

- Remote configuration and alert reporting
- Software upgradeable to allow for future feature expansion
- Embedded Linux processor provides smart device intelligence

UG1000 Internet Bridge

The UG1000 Internet Bridge serves as the gateway or avenue by which all network and sensor data is passed to the UgMO Data Base. Each Bridge contains an embedded Linux processor. The bridge also serves as a repeater in any network and can forward data packets toward their final destinations.

To install the Bridge, you will need a 110 Volt AC power source that is near a router or other direct Ethernet connection. Using the supplied 5 Volt transformer, insert the barrel connector into correct port located on the bottom of the Bridge and the two-pronged block into the nearest 110 Volt outlet. Next, plug one end of an Ethernet cable into a router using your WAN and the other end into the Ethernet slot located on the bottom of the bridge. Finally, to mount the hardware you can use a screw and the keyhole slot in the back of the bridge or simply hang the Bridge from the supplied plastic stand.

Once powered, a red LED on the front of the bridge will aluminate followed by a series of Green LEDs as the bridge searches the area for any existing hardware or networks. The LEDs are very helpful in determining the current state and operation of the bridge.

Regulatory Notices

FCC ID: YVAUG1000B; IC ID: 10216A-UG1000B

This device complied with Part 15 of the FCC Rules and Industry Canada License Exempt RSS Standard(s). Operation is subject to the following two conditions:

 (1) This device may not cause harmful interference, and

(2) This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for 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 device may only be used with the approved internal antenna that is shipped with the unit and installed per installation instructions. The use of any other antennas will invalidate the unit's FCC Part 15 certification.
- To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that permitted for successful communication. Operating the device with the supplied antenna will ensure that this requirement is met.

This equipment generates 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 not 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

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.