

FEATURES

- ZigBee Pro Coordinator
- 128 bit AES Security
- 17dBm RF Power
- RoHS Compliant



DESCRIPTION

The IG-302 is a standalone InteliGateway which implements WattIQ's PLOVER profile. It connects the ZigBee mesh to an Ethernet port, providing connectivity to the InteliNetwork™.

PERFORMANCE

Parameter	Symbol	Min	Typ	Max	Units
RF Range			50		m
RF Transmit Power			17		dBm
Sockets per Network			80	120	
ZigBee Channels		11		26	
ZigBee Hive		0x3000		0x3FFF	
Size		4.4 x 2.3 x 1.3			inches

COMPLIANCE

Agency	File
ZigBee Profile (PLOVER)	0x114B
FCC	2AECN303

ENVIRONMENTAL

Parameter	Symbol	Min	Typ	Max	Units
Operating Temperature	T _O	0	25	40	C
Storage Temperature	T _S	-40		100	C
Relative Humidity	RH	0		95	%

FCC

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 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.

The user is cautioned that changes and modifications made to the equipment without the approval of manufacturer could void the user's authority to operate this equipment.

To satisfy RF exposure requirements, this device and its antenna must operate with a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.