

# High Performance Wireless Ethernet Bridge

## GHOSTBRIDGE



### PRODUCT FEATURES

- Long Range, High Speed Wireless Ethernet Link
- Point and play setup
- Outdoor rated, UV stabilized enclosure
- Integrated 80 degree sector antenna
- Maximum data rate of 150 Mbps
- Up to 15 km line of sight range
- Wide temperature range of -30° to 80°C
- Power, Link and Signal Strength LED's provide instant view of status
- Includes both DC and AC powered PoE adapters
- PoE pass-through Ethernet port to connect local devices such as IP camera (24V Passive)
- Preconfigured WPA2 128 bit security

Seamlessly connect remote devices to your network, or bridge two LAN's together. The GhostBridge provides a high speed wireless Ethernet bridge with zero configuration required. Units are sold as a preconfigured pair and require no further setup. Simply mount it, aim it and plug it in to your network or device using the included PoE adapters.



Swivel wall-mount bracket

### ORDERING INFORMATION

MODEL NUMBER	DESCRIPTION
GhostBridge5	5 GHz Indoor/Outdoor Wireless Ethernet Bridge (sold in preconfigured pairs)
GhostBridge5-EU	5 GHz Indoor/Outdoor Wireless Ethernet Bridge (sold in preconfigured pairs EU Power Supply)
GhostBridge5-UK	5 GHz Indoor/Outdoor Wireless Ethernet Bridge (sold in preconfigured pairs UK Power Supply)
GhostBridge2-EU2	2.4 GHz Indoor/Outdoor Wireless Ethernet Bridge (sold in preconfigured pairs EU Power Supply)
GhostBridge2-UK	2.4 GHz Indoor/Outdoor Wireless Ethernet Bridge (sold in preconfigured pairs UK Power Supply)

#### World-wide.

Check with your local distributor for availability and options.

### ACCESSORIES

GMT25 Swivel wall-mount bracket

IASFST MOCAP tape - 36 ft/11 m roll, 1 in/2.5 cm wide

### APPLICATIONS

Water and Waste-water treatment  
 Warehouse automation  
 Security - IP cameras  
 Monitoring and Instrumentation

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## SPECIFICATIONS

ETHERNET INTERFACE	
Ethernet Port 1	RJ45
Ethernet Port 2	RJ45
LED's	Power, LAN1, LAN2, 4 wireless signal strength
POWER	
PoE Power	24V PoE powered device through Ethernet port + pins 4,5, - pins 7, 8 (2) 100-240VAC input @ 50-60 Hz 24V out, 0.5A out PoE injectors
Included PoE Injectors	(2) DC input PoE injector with 1m power jack to stripped wires
Power	8 Watts maximum power consumption
RF	
Operating Frequency	5470 – 5825 GhostBridge5
TX Power (Avg)	21 – 27 dBm +/- 2dB (varies by mode/conditions)
RX Sensitivity	-74 – 96 dBm +/- 2dB (varies by mode/conditions)
Antenna Type	Integrated 2x2 MIMO. 80 degree sector
Antenna gain	14.6 – 16.1 dBi over 4.9 – 5.9 GHz
Security	Each pair is preconfigured to WPA2 128 bit
MECHANICAL	
Dimensions	11 x 3.2 x 1.2 in (28 x8 x 3 cm) body 11 x 3.2 x 2.4 in (28 x8 x 6 cm) including built-in brackets
Weight per unit	0.86 lbs (0.4 kg)
Shipping weight	3.0 lbs (1.4 kg)
Mounting	Integrated pole mount, wire ties included Optional wall/pole mount swivel bracket sold separately
Enclosure	IP54. UV Stabilized plastic.

ENVIRONMENTAL	
Operating Temperature	-30 to 80°C (-40 to 176°F)
Storage Temp	-40 to 85°C (-40 to 185°F)
Operating Humidity	0 to 95 % (Non-condensing)
APPROVALS / CERTIFICATIONS	
Emissions	FCC Class B, CISPR Class B (EN55022)
CE	EN61000-6-1:2007
	EN61000-4-2:2008 Electrostatic Discharge
	EN61000-4-3:2006 Radiated Immunity
	EN61000-4-4:2004 Electrical Fast Transients - Burst
	EN61000-4-6:2005 Conducted Immunity
	EN61000-4-11:2004 Voltage Dips and Interruptions
	EN 301 489-1 V1.4.1: 2002-08 Electromagnetic Compatibility
	EN 301 489-17 V1.2.1: 2002-08 Electromagnetic Compatibility
	EN 301 893-1 V1.4.1: 2007 Directive for 5 GHz Radio Equipment
	EN 50385: 002 RF Exposure Limits
	EN 60950-1: 2006 Safety for Information Technology Equipment



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