



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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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