

# FAIRBANKS®

## FAIRBANKS ETHERNET BRIDGE WIRELESS CONNECTIVITY ACCESSORY



The Fairbanks Ethernet Bridge provides a point-to-point or point-to-multi-point IP connection without the expense and limitations of physical cabling.

### LONG-RANGE WIRELESS COMMUNICATIONS

Fairbanks' Ethernet Bridge replaces costly wiring with a solution that connects wirelessly to Fairbanks instrumentation and terminals, security cameras, access controllers and more. Fairbanks Ethernet Bridge communicates where Wi-Fi and other wireless data products fall short, because it offers:

- Range of up to 6.2 miles (10 kilometers)
- For outdoor or indoor use
- Dual frequency capability - 2.4 GHz band and 5 GHz band

### MONITORING AND TROUBLESHOOTING

The Fairbanks Ethernet Bridge features a built-in spectrum analyzer, allowing users to monitor RF interference. Frequency agility enables the product to automatically select the best available radio channel at start-up, monitor the signal-to-noise ratio and move the network to a new channel if necessary. A web interface simplifies installation, allows users to monitor packet success and signal strength and facilitates remote troubleshooting.

### WEATHERPROOF

The Fairbanks Ethernet Bridge is housed in a weatherproof enclosure. It operates as paired units or single units for point-to-multi-point applications.

### FEATURES

- Easy-to-use web interface simplifies configuration and remote troubleshooting.
- Outdoor line-of-sight range up to 6.2 miles (10 kilometers).
- Built-in NAT supports multiple IP client devices.
- Frequency agility ensures reliable connection between radios.

### SPECIFICATIONS

Outdoor/RF line-of-sight range . . .	Up to 6.2 miles (10 kilometers)
Transmit power output . . . . .	30 dBm
RF data rate . . . . .	Up to 54 Mbps
Receiver sensitivity . . . . .	-98 dBm
Frequency band . . . . .	2.4 to 5.825 GHz
Status LEDs . . . . .	Power, LAN, WLAN, signal strength
Weight . . . . .	1.1 lbs
Power connector . . . . .	PoE injector
Power source . . . . .	PoE powered by 2.4 V / 0.5A AC/DC converter
Operating temperature . . . . .	Radio/Enclosure: -30°C to 70° C
Weatherproofing . . . . .	Ethernet Bridge is IP55 rated; The PoE injector/power supply are not weatherproof and must be installed indoors
FCC (U.S.A.) . . . . .	Yes

### QuickFacts™

Models and specifications subject to change without notice.  
Printed in the USA. © Fairbanks Scales Inc.

Call toll-free for the Fairbanks representative nearest you:

**(800) 451-4107**

Internet Address: <http://www.Fairbanks.com>