

TRUE OUTDOOR LONG RANGE WIRELESS

ibridge Model : AIR 350

802.11b 11Mbps AP/Client
Bridge/Repeater

Full Power over Ethernet
support

Software adjustable output
power (100-250mW)

WEP, WPA and 802.1x Support

WDS Support

DHCP Client and Server Support

WEB-based configuration utility

Wireless Client Isolation Support

High flash memory for
Large size firmware
upgrade

High DRAM to support
Large network

Spanning Tree Protocol for
large expanding WISP
network



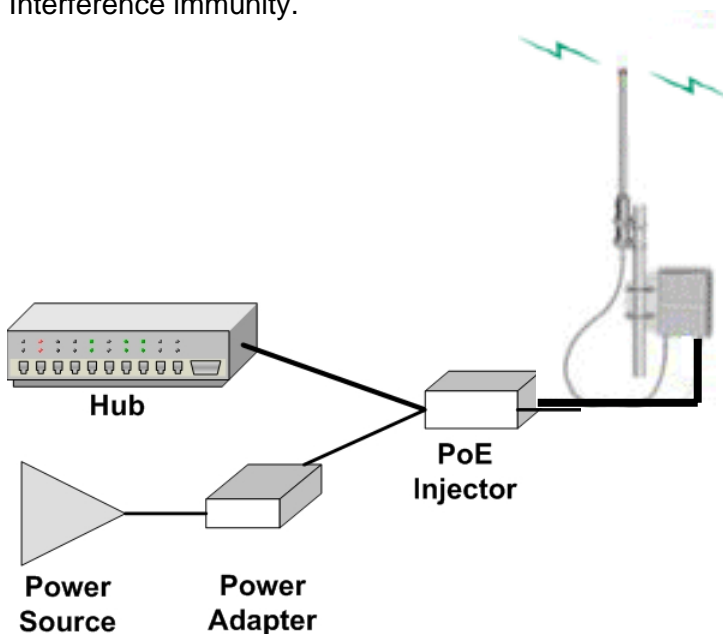
Operates as AP/Client/Repeater

The outdoor unit is a high power, multi carrier radio unit that connects to an external antenna.

The base station operates in full duplex mode dramatically increasing the system efficiency

It is designed to provide high system gain and interference robustness utilizing high transmit power and low noise figure.

It has multi channel functionality further enhancing Interference immunity.



General Specifications

Standards	IEEE802.11b for Wireless LAN, IEEE802.3 for Wired LAN
Modulation Technology	DSSS (DPBSK, DQPSK, CCK)
Range	Open Space: 5km to 25 km
Data Rates	1, 2, 5.5, 11 Mbps
Media Access Control	CSMA/CA with ACK
Certification	FCC/CE

Software Features

Security	WEP 64/128-bit WPA, TKIP 802.1x
Operating Modes	AP, Client Bridge, Repeater
Software Support	802.11f (IAPP) Wireless Client Isolation 802.1d with Spanning Tree Protocol Wireless Distribution System (WDS) DHCP Client and Server Web UI Management Firmware Upgrade from Web UI Configuration Save and Reload from Web UI MAC Filtering MAC Clone

Radio Specifications

Frequency Range	2.400~2.497 GHz ISM Band
Channels	USA /Canada: 11; Japan: 14; France: 4; Europe: 13
Receiver Min Input Sensitivity	-87 dBm +/- 2 dB (11 Mbps) @ 8% PER
RF Output Power (adjustable)	250mW, 200mW, 150mW, 100mw

Physical Specifications

Dimensions (L x W x D)	6.75" x 4.75" x 2.25"
Weight (lb)	Approximately 1.7
Power Supply	Power over Ethernet : +48VDC / 0.7A
Power Consumption	Continuous Transmitting: 760 mA (Max.) Continuous Receiving: 460 mA (Max.)
Antenna	One External Antenna N-type Female Connector
LAN Port	One Waterproof 10/100 LAN Port

Environmental Specifications

Operating Temperature	-20°C ~ 50 °C
Humidity	10% to 90%

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