

# Wireless - Alvarion BreezeACCESS (SU)

Version 1.5

This probe monitors a BreezeCom or Alvarion BreezeACCESS 2.4 Ghz or 900 MHz subscriber unit (SU). It retrieves and displays the radio band, average power (in dBm or RSSI), and the MAC address of the associated AU. For a 900 MHz unit, it will also display the radio frequency. The probe will go into alarm or warning states based on user-definable parameters for low signal power or high incoming traffic on a specified interface.

## Thresholds:

### Alarms:

Average power too low: User-defined (> -78)  
Wireless traffic too high: User-defined (< 100000000)

### Warnings:

Average power low (> -75)  
Wireless traffic high (< 90000000)

**Version:** Included with WISPerMapper 4.3. Part of bundle 1.1. Requires InterMapper 4.2.1 or later. **This version resolves errors with the original release, including removing unavailable data.**

**License:** IMWirelessAddon (WISPerMapper wireless device)

**Supported Equipment:** Alvarion BreezeACCESS (900 MHz and 2.4 GHz line) subscriber units (SUs)



```
Wireless - Alvarion BreezeACCESS (SU)
Device Status
  Name: Wireless - Alvarion BreezeACCESS (SU)
  DNS Name: localhost.
  Address: 127.0.0.1
  Status: UP
  Protocol: Wireless - Alvarion BreezeACCESS (SU) (port 161)
  Up Time: n/a
  Availability: 100 % (of 7 seconds)
  Packet Loss: 66.7 % (of 3 total attempts) [Reset]
  Recent Loss: 2 pkts at Mar 28, 14:39:38
  Round-trip time: n/a msec
BreezeACCESS Information
  Radio Band: Unknown
  Average Power: 0 RSSI
  Associated AU: [N/A]
Interface Information
  Description: [N/A]
  Traffic In: n/a Bytes per sec.
Last updated Mar 28, 14:39:43; interval: 30 seconds
Reason: No SNMP response.
```

**Interfaces:** To show the ethernet interface, which is hidden by default, we recommend using the "Display unnumbered interfaces" behavior.

**Community String:** The default community string for this device isn't known.

## Glossary of Terms:

**Radio Band:** The general radio band of the radio. 900 MHz or 2.4 GHz. (OID: based on brzaccRadioBand)

**Radio Frequency:** The exact radio frequency being used. Only available for 900 MHz units. **Incorrectly displayed, though unavailable, for 2.4 GHz units in previous version.** (OID: frequency)

**Average Power:** The average power of the radio. Depending on device settings, will be in RSSI or dBm. (OID: BrzaccAveragePower, brzaccRssiOrDbm for units)

**Associated AU:** This is the MAC address of the AU. (OID: brzAssociatedAU)

**Interface Information:** Gives the description and incoming traffic in bytes per second for the user-defined interface. (OID: ifDescr, ifInOctets)

**Related Probe:** This probe is for SUs only. For the AUs, use the "Alvarion BreezeACCESS (AU)" probe.