

Wireless - Redline AN50

Version 1.0

This probe is meant to monitor a Redline AN50 radio, acting as either a master or slave. It retrieves and displays a number traffic and radio related variables. It will go into alarm or warning states based on user-defined parameters for the expected operating frequency, low average signal strength, and number of active links, or based on the general status and link status of the device.

Thresholds:

Alarms:

Link Status: Not Connected
Fault LED: On
Signal Strength: User-defined (< -90)
Active Links: User-defined (> 100)
Active Links: User-defined (< -1) (Set to disabled)
Operating Frequency: User-defined (No default)

Warnings:

Fault LED: Unknown
Signal Strength: User-defined (< -75)
Active Links: User-defined (> 75)
Active Links: User-defined (< 0)

Version: Included with WISPerMapper 4.3. Part of bundle 1.1. Requires InterMapper 4.2.4 or later.

License: IMWirelessAdd-on (WISPerMapper wireless device)

Supported Equipment: Redline AN50 in master or slave mode

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

Glossary of Terms:

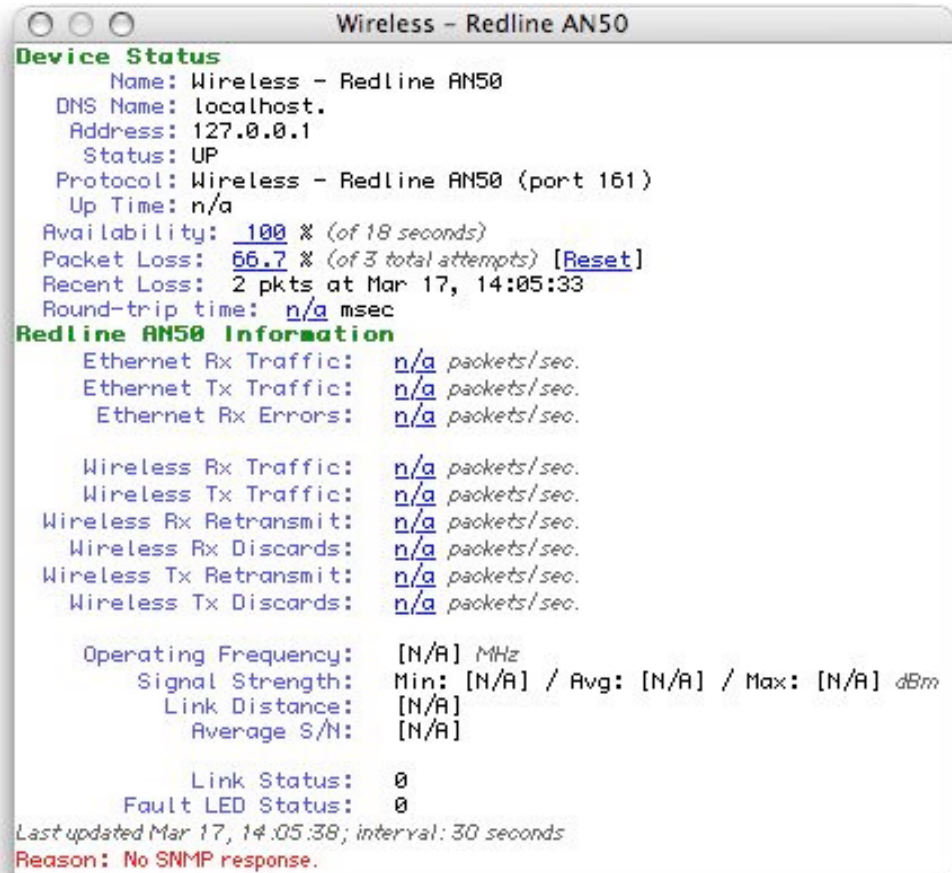
Operating Frequency: The frequency in MHz. (OID: GenFrequency)

Signal Strength: The minimum, average, and maximum signal strengths in dBm. (OIDs: WrlsRxSigMin, WrlsRxSigMean, WrlsRxSigMax)

Link Distance: The calculated distance of the link. The default units are km, but this can be switched to miles in the device's management. (OID: WrlsCalcDist)

Average S/N: The average signal to noise ratio. (OID: WrlsAvgSinAdr)

Related Probe: This probe is very similar to our probe for the Alvarion BreezeACCESS LB (LinkBlaster). The enterprise numbers differ, but the MIBs are parallel.



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Wireless - Redline AN50
Device Status
  Name: Wireless - Redline AN50
  DNS Name: localhost.
  Address: 127.0.0.1
  Status: UP
  Protocol: Wireless - Redline AN50 (port 161)
  Up Time: n/a
  Availability: 100 % (of 18 seconds)
  Packet Loss: 66.7 % (of 3 total attempts) [Reset]
  Recent Loss: 2 pkts at Mar 17, 14:05:33
  Round-trip time: n/a msec
Redline AN50 Information
  Ethernet Rx Traffic: n/a packets/sec.
  Ethernet Tx Traffic: n/a packets/sec.
  Ethernet Rx Errors: n/a packets/sec.

  Wireless Rx Traffic: n/a packets/sec.
  Wireless Tx Traffic: n/a packets/sec.
  Wireless Rx Retransmit: n/a packets/sec.
  Wireless Rx Discards: n/a packets/sec.
  Wireless Tx Retransmit: n/a packets/sec.
  Wireless Tx Discards: n/a packets/sec.

  Operating Frequency: [N/A] MHz
  Signal Strength: Min: [N/A] / Avg: [N/A] / Max: [N/A] dBm
  Link Distance: [N/A]
  Average S/N: [N/A]

  Link Status: 0
  Fault LED Status: 0
Last updated Mar 17, 14:05:38; interval: 30 seconds
Reason: No SNMP response.
```