

Wireless - Trango M5830S

Version 1.0

This probe monitors a Trango M5830S access point. It retrieves and displays a number of traffic, physical, and radio status variables. It can go into alarm or warning based on user-defined parameters for transmit power, number of subscriber unit clients, channel number, incoming traffic on the radio interface, and temperature.

Thresholds:

Alarms:

Tx power too low: User-defined (< -85)
Too many clients: User-defined (> 299)
Too hot: User-defined (> 60)
Too cold: User-defined (< -40)
Traffic too high: User-defined (> 100000000)
Channel: User-Defined (No default)

Warnings:

Tx power low: User-defined (< -75)
Many clients: User-defined (> 250)
Hot: User-defined (> 55)
Cold: User-defined (< -20)
Traffic high: User-defined (> 90000000)

Version: Included with WISPerMapper 4.2.1. Part of bundle 1.0. Requires InterMapper 4.2.1 or later.

License: IMWirelessAddon (WISPerMapper wireless device)

Supported Equipment:
Trango M5830S AP

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

No MIB-2: MIB-2 traffic and interface information is unavailable. The device displays ethernet statistics in its main status window. This probe calculates counters without using sysUpTime, which isn't available.

Glossary of Terms:

Temperature: The temperature of the unit, in degrees C. (OID: apsysTemperature)

Active Channel: The current channel being used by the radio. (OID: aprfActiveChannel)

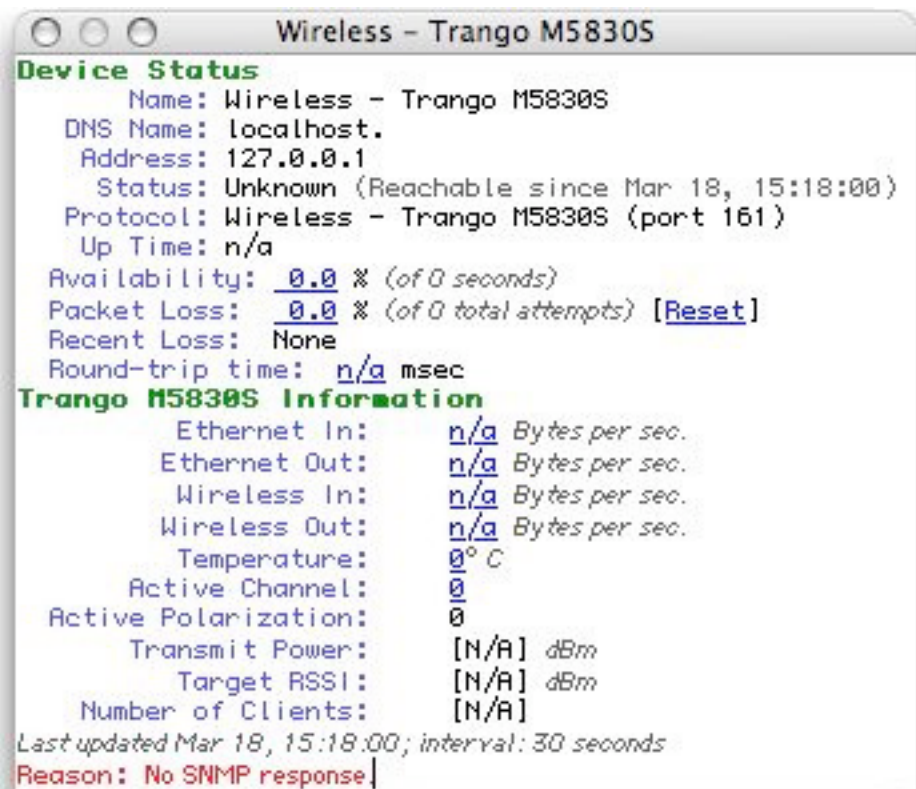
Active Polarization: The current antenna orientation of the radio. Horizontal or Vertical. (OID: based on aprfActivePolarization)

Transmit Power: Transmit power of the radio in dBm. (OID: aprfismTxPower)

Target RSSI: The target signal strength of the radio. (OID: aprfismTargetRSSI)

Num. Clients: The total number of SUs in the database. (OID: suSUCount)

Related Probe: This probe is virtually identical to the M5800S probe. The devices use different but parallel parts of the MIB.



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Wireless - Trango M5830S
Device Status
  Name: Wireless - Trango M5830S
  DNS Name: localhost.
  Address: 127.0.0.1
  Status: Unknown (Reachable since Mar 18, 15:18:00)
  Protocol: Wireless - Trango M5830S (port 161)
  Up Time: n/a
  Availability: 0.0 % (of 0 seconds)
  Packet Loss: 0.0 % (of 0 total attempts) [Reset]
  Recent Loss: None
  Round-trip time: n/a msec
Trango M5830S Information
  Ethernet In: n/a Bytes per sec.
  Ethernet Out: n/a Bytes per sec.
  Wireless In: n/a Bytes per sec.
  Wireless Out: n/a Bytes per sec.
  Temperature: 0° C
  Active Channel: 0
  Active Polarization: 0
  Transmit Power: [N/A] dBm
  Target RSSI: [N/A] dBm
  Number of Clients: [N/A]
Last updated Mar 18, 15:18:00; interval: 30 seconds
Reason: No SNMP response
```