

# Wireless - Trango P5830S (master)

Version 1.0

This probe monitors a Trango P5830S master unit. 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, expected active channel number, and temperature.

## Thresholds:

### Alarms:

Tx power too low: User-defined (< -85)  
Too hot: User-defined (> 60)  
Too cold: User-defined (< -40)  
Active Channel: User-defined (No Default)  
Traffic too high: User-defined (> 100000000)

### Warnings:

Tx power low: User-defined (< -75)  
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 MP830S master unit

**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: musysTemperature)

**Active Channel:** The operating channel of the unit. (OID: murfActiveChannel)

**Active Polarization:** The antenna polarization of the unit. Horizontal or Vertical. (OID: based on aprfActivePolarization)

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

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

**Related Probe:** Remote (slave) units require the separate "Wireless - Trango P5830S (remote)" probe.

```
Wireless - Trango P5830S (master)
Device Status
Name: Wireless - Trango P5830S (master)
DNS Name: localhost.
Address: 127.0.0.1
Status: Unknown (Reachable since Mar 18, 15:25:28)
Protocol: Wireless - Trango P5830S (master) (port 161)
Up Time: n/a
Availability: 0.0 % (of 0 seconds)
Packet Loss: 0.0 % (of 1 total attempts) [Reset]
Recent Loss: None
Round-trip time: n/a msec
Trango P5830S (master) 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: [Bad variable.]
Transmit Power: [N/A] dBm
Target RSSI: [N/A] dBm
Last updated Mar 18, 15:25:28; interval: 30 seconds
Reason: No SNMP response.
```