



Key Metrics We Track for WISPs in EyeOTmonitor

Fixed Wireless Radios

Vendors Supported: Ubiquiti, Siklu, Mimosa, Cambium, MikroTik, Altowav, Aviat, Baicells and others.

Overall Device Status

- → CPU utilization
- → memory usage,
- → Firmware
- → Uptime
- → device services such as Telnet, SSH, HTTP, and HTTPS
- → device latency and jitters
- → device stability
- → device status

Device Interfaces

- → interface operational and admin status
- → Speed
- → Duplex
- → Bandwidth
- → Errors and discards
- → port flaps

Link Performance

- → number of active links,
- → RSSI
- → noise floor
- → SNR
- → Modulation
- → link latency
- → link data rates
- → link capacity
- → link uptime
- → link priorities
- → cable signal loss

GPS Settings and Performance

- → GPS status
- → satellites visible
- → satellites tracked
- → Latitude
- → Longitude
- → altitude

Fixed Wireless Radios (continued)

Vendors Supported: Ubiquiti, Siklu, Mimosa, Cambium, MikroTik, Altowav, Aviat, Baicells and others.

Wireless Settings

- → radio role
- → radio frequency
- → Channel
- → channel width
- → SSID
- → link security settings
- → DFS Status
- → radio output power
- → antenna gain

WiFi Access Points

Vendors Supported: Ubiquiti, Cambium, Ruckus Wireless, and others.

Overall Device Status

- → CPU utilization
- → memory usage
- → Firmware
- → Uptime
- → device services such as Telnet, SSH, HTTP, and HTTPS
- → device latency and jitters
- → device stability
- → device status

Device Interfaces

- → interface operational and admin status
- → Speed
- → Duplex
- → Bandwidth
- → Errors
- → Discards
- → port flaps

Wireless Performance

- → wireless interference
- → channel utilization
- → SSID
- → number clients connected

Fiber Networks (OLTs, ONTs, GPONs, and fiber splitters)

Vendors Supported: Ubiquiti, Calix, Huawei, Nokia, Adtran, and ZTE.

Overall Device Status

- → CPU utilization
- → memory usage
- → Firmware
- → Uptime
- → device services such as Telnet, SSH, HTTP, and HTTPS
- → fan status
- → power supply status
- → device latency and jitters
- → device stability
- → device status.

Device Interfaces

- → interface operational and admin status
- → Speed
- → Duplex
- → Bandwidth
- → Errors
- → Discards
- → port flaps
- → optical temperature
- → optical supply voltage
- → optical transmit and receive power

Routers and Switches

Vendors Supported: Netonix, MikroTik, Cisco, Juniper, Avaya, Ubiquiti, and others.

Overall Device Status

- → CPU utilization
- → memory usage
- → Firmware
- → Uptime
- → device services such as Telnet, SSH, HTTP, and HTTPS
- → fan status
- → power supply status
- → device latency and jitters
- → device stability
- → device status.

Device Interfaces

- → interface operational and admin status
- → Speed
- → Duplex
- → Bandwidth
- → Errors
- → Discards
- → optical temperature
- → optical supply voltage
- → optical transmit and receive power
- → PoE information
- → port flaps
- → err-disabled ports (Cisco)

Universal Power Supplies

Vendors Supported: APC, Eaton, Vertiv, Tripp Lite, Alpha, CyberPower, and more.

Overall Device Status

- → Device latency and jitters
- → device stability
- → device status
- → device temperature
- → fan status

Device Interfaces

- → interface operational and admin status
- → Speed
- → Duplex
- → Bandwidth
- → Errors
- → Discards
- → port flaps

Battery

- → Battery status
- → battery voltage
- → battery charging current, battery capacity
- → battery temperature
- → time on battery

Input / Output

- → Input and output voltage
- → Current
- → input and output frequency
- → apparent power