

MO-WIFI

Wi-Fi Optical Probe

Transparent TCP bridge over the network — read the meter from your LAN.

OVERVIEW

MO-WIFI makes the meter part of your network. It builds a transparent serial bridge in TCP server mode: any computer or mobile device on the LAN connects to the port you define and talks straight to the meter. Wi-Fi, IP and serial settings take minutes in the web interface. Continuous access for fixed monitoring points, building automation and remote lab setups.

HIGHLIGHTS

- 802.11 b/g/n Wi-Fi, transparent serial bridge in TCP server mode
- Read from any computer or mobile device on the LAN — Windows, Linux, macOS, Android, iOS
- Easy configuration via web interface
- Static IP or DHCP support
- Ideal for continuous monitoring applications
- First-time setup in AP mode — no existing network needed
- Access control with a defined client list

LED INDICATORS

- PWR** Device powered
- TX** Sending data to the meter
- RX** Receiving data from the meter
- RDY** Link established / paired

COMPATIBILITY

All electricity, gas and water meters with an IEC 62056-21 (IEC 1107) optical port. DLMS/COSEM and mode-E switching are carried transparently. Compatible with the TEDAŞ MASS ecosystem.

SPECIFICATIONS

Arayüz / Interface	Wi-Fi 802.11 b/g/n, TCP
Mod / Mode	TCP server, şeffaf köprü / transparent bridge
Platform	Windows · Linux · macOS · Android · iOS
Baud	300 – 115200
Besleme / Power	5 V USB-C
Yapılandırma / Config	Web arayüzü / Web UI
Optik / Optics	IEC 62056-21 kafa / head, 880 nm IR
Mıknatıs / Magnet	Halka tip / ring, ≥ 15 N
Sıcaklık / Temp.	-25 ... +70 °C
Gövde / Housing	ABS, siyah / black
Standartlar / Standards	IEC 62056-21 · IEC 1107 · DLMS/COSEM · MASS