



BAS Probe connects directly to a BACnet MS/TP trunk and puts a full diagnostic dashboard in your browser — no software to install, no PC required. Plug it into the trunk, connect to its Wi-Fi, and see the health of the network, every device on it, and every point they report, from a phone, tablet, or laptop.

What it does

- **Live network health**
Valid and invalid frame counts, CRC errors, sync losses, token activity, and live traffic — see the condition of the trunk at a glance.
- **Full point reads**
Reads every object from every device — inputs, outputs, values, multi-state points, trend logs — with live values, status, and descriptions.
- **Alarms surfaced automatically**
Points in alarm, fault, or override are flagged and pulled to the front — no manual hunting through a point list.
- **Equipment graphics**
Build a simple floor plan or equipment view and bind live points to it for an at-a-glance operating picture.
- **Automatic device discovery**
Finds every device on the trunk and reads its vendor, model, firmware revision, and instance number automatically.
- **Routed network support**
Discovers routers on the trunk and reads points from devices on other BACnet networks reached through them.
- **Safe test writes**
Write a test value to a commandable point at the lowest BACnet priority, with an automatic release timer so nothing is ever left overridden.
- **Modbus RTU mode**
The same RS-485 port also supports Modbus RTU, for trunks and devices that speak Modbus instead of BACnet.

Specifications

Trunk interface	RS-485, isolated; BACnet MS/TP and Modbus RTU
Baud rates	9600 – 115200 bps, auto-detect available
Dashboard access	Built-in Wi-Fi access point; any modern browser
Software required	None — nothing to install on any device
Power	USB-C, 5V
Enclosure	Compact portable case, approx. 100 × 86 × 32 mm
Display support	Phone, tablet, or laptop; light and dark mode

Typical workflow

1. Connect to the MS/TP trunk and power on
2. Join its Wi-Fi network from any device
3. Open the dashboard in a browser
4. Scan — devices and points populate automatically
5. Review health, alarms, and point data, or write a test value where needed

Built for the field. BAS Probe is meant to be handed to a technician and used the same day — no commissioning software, no license keys, no laptop required. Connect it to an unfamiliar trunk and have a full picture of the network in minutes.