HARDWARE SUPPORT SHEET

MikroTik KNOT Gateway - Humidynit Support Sheet

Document ID	Version	Updated
HYN-HW-MTK-KNOT-001	2.0	14 Oct 2026

Source basis: MikroTik KNOT Gateway vendor PDF, creation date 27 Feb 2025

Vendor: MikroTik. This is a Humidynit integration-support summary, not a MikroTik datasheet.

Humidynit support status

KNOT GW, L14G-2ax-BT5 is deployed on current Humidynit sites. Exact power, network, sensor protocol, radio plan and site context still require confirmation.

Source-supported capabilities

- Product identifier in source: KNOT GW, L14G-2ax-BT5.
- Source describes Sub-GHz options, BLE 5.2, CAT 1 bis LTE, Ethernet with PoE-in, 2.4 GHz Wi-Fi, GNSS and IP66 enclosure.
- Source lists PoE-in and 12-57 VDC DC-in powering.

Before use

[ ]	Confirm exact supplied hardware and regional radio variant
[ ]	Confirm permitted frequency and site/network requirements
[ ]	Confirm sensor protocol and data mapping
[ ]	Confirm power, enclosure, antenna and placement plan
[ ]	Record project-specific compatibility decision

Troubleshooting context

- Record visible status, connection method and last known data time.
- Separate gateway connectivity from downstream sensor compatibility.
- Do not share passwords, SIM credentials or private network configuration.

Vendor attribution and limitation

Technical facts summarized from the MikroTik KNOT Gateway vendor PDF. MikroTik owns the vendor document and product specifications. Consult the current vendor source and Humidynit project decision before use.