HARDWARE SUPPORT SHEET

MikroTik TG-LR82 - Humidynit Support Sheet

Document ID	Version	Updated
HYN-HW-MTK-TGLR82-001	3.0	21 Oct 2026

Source basis: Supplied MikroTik TG-LR82 vendor PDF, creation date 19 Mar 2026

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

Humidynit support status

Humidynit Sense uses MikroTik TG-LR82 to measure air temperature and relative humidity. Where supported, Platform calculates dew point and absolute humidity from these readings. The device does not directly measure water or material moisture or locate a leak.

Source-supported capabilities

- LoRaWAN configurable sensor tag.
- Source describes temperature, humidity, motion/tilt and magnetic reed-switch event sensing.
- Source describes configurable profiles/rules, event-based telemetry, IP67 enclosure and long-deployment intent.
- Source states expected battery lifetime of about five years depending on configuration; treat this as a vendor estimate, not a Humidynit guarantee.

What must be confirmed

[ ]	Exact hardware/firmware revision
[ ]	Regional LoRaWAN settings and permitted frequency
[ ]	Required measurements, units and reporting interval
[ ]	Gateway compatibility and data decoding/mapping
[ ]	Placement and enclosure/environment context
[ ]	Battery maintenance expectations
[ ]	Project-specific acceptance check

Troubleshooting context

- Record last telemetry time, battery indication and gateway visibility.
- Check distance, obstruction, device profile and configured reporting behaviour.
- Keep vendor configuration and Humidynit data mapping as separate checks.

Vendor attribution

Technical specifications are from the supplied MikroTik TG-LR82 document and remain MikroTik-owned. Use the configured site data path and confirm any proposed hardware substitution with Humidynit.