SETUP GUIDE

# KNOT Gateway Preparation Guide

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| HYN-SET-002 | 2.0 | 14 Oct 2026 |

**Source basis:** Humidynit gateway workflow plus MikroTik KNOT Gateway source sheet

Prepare the complete site, power, network, sensor and placement context before configuration.

## Gateway role

The gateway is a connectivity layer between reviewed sensors or site data and the Humidynit workflow. It does not make every device compatible and does not diagnose a building condition.

## Site preparation checklist

| | |
|---|---|
| [ ] | Site address |
| [ ] | Indoor or outdoor location |
| [ ] | Safe power availability |
| [ ] | Available Ethernet, Wi-Fi or mobile-network context |
| [ ] | Exact sensor models and protocols |
| [ ] | Number of sensors and locations |
| [ ] | Monitoring goal and reporting expectations |
| [ ] | Distance, obstructions and building materials |
| [ ] | Network/security approval owner |

## Placement constraints

- Keep the planned location within safe installation and environmental limits.
- Record obstructions, distance and enclosure conditions that may affect radio performance.
- Confirm the actual network path and approvals before installation.

## Compatibility confirmation

Humidynit must confirm the exact sensor, protocol, gateway configuration, location and intended data path. A supported gateway is not universal sensor approval.

**Vendor source attribution**

Source reference: MikroTik KNOT Gateway vendor sheet supplied to Humidynit, product name KNOT GW / L14G-2ax-BT5, source PDF creation date 27 Feb 2025. Vendor specifications remain MikroTik-owned.