



Detect moisture to protect buildings & budgets

Tested and proven sensor created for long battery life



Features

- Measuring Wood Moisture Content (WMC), relative humidity and temperature.
- Wireless connectivity through LoRaWAN.
- Data presentation and analysis on online platform.
- Automatic alarms, notifying when anomalies or critical conditions arise.
- 10 years life time at 6 transmission per day.
- Up to 24 measurements/transmissions per day.
- Accurately calibrated for Douglas fir, Pine, Spruce and other types of construction wood.
- Depth of measurement up to 100mm, with the ability to measure in the interior of the timber exclusively.

Sensor Accuracy

- Wood moisture content: 0.3% measured at exact point (in the 7 to 27% range)
- Relative humidity: 2% RH (In the 10 to 90% range)
- All measurements extend past this range at a reduced accuracy

Mechanical enclosure

- IP54 Rated (Upgradeable to IP67)
- 46 x 91 x 31 mm
- Wires can be used to extend measurement to hard to reach places
- Screws are used for both fastening sensor, and as measurement probes

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Connectivity

- LoRa protocol that is widely supported and has growing coverage
- Long Range communication at extremely low power consumption
- Gateways cover a radius of up to 500 meters.