

Enveloped

Installed systems for high-performance homes

Indoor Air Quality Home Monitoring



Monitoring indoor air quality is a useful way to verify and optimise the health and comfort of your home. It allows you to track a range of measures such as temperature, humidity, carbon dioxide, and VOCs. This enables you to benchmark against international standards, other homes, or just between different rooms.

Whether you are planning to build a new high performance home, or just interested in learning about your current living conditions, Tether can assist you in easily gathering and tracking this information.

Until now, home monitoring has been expensive, clumsy, and can lack good local support and backup. Systems have traditionally been tied to WiFi networks, or require SIM cards. Tether is a small home-monitoring device, with the appearance of a smoke alarm, connected to a widely accessible radio-frequency network.

Don't be fooled by its compact size - Tether packs a punch. Developed right here in New Zealand, units can be installed into single homes or deployed across large portfolios of properties, and have easy to follow PC and app-based interfaces.

Tether your home today.

Price examples based on one dwelling, including an initial 12 month subscription:

Tether units:	1 - \$388	2 - \$598	3 - \$798	4 - \$998
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Incl GST

SUPPLY &
INSTALL



PROJECT
SEQUENCING



EXPERT
ADVICE



ONE STOP
SHOP



COMPETITIVE
RATES



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HIGH PERFORMANCE
INSULATION

PERFORMANCE
MONITORING

AIR & WATER
HEATING

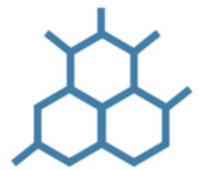
HEAT RECOVERY
VENTILATION

AIR TIGHTNESS
& MEMBRANES

LOW EMISSION
FIRES

WHY IAQ (INDOOR AIR QUALITY) MATTERS

- At 16°C, the risk of respiratory illness increases. Below 12°C, the risk of strokes and heart attacks increases. Above 32°C heat exhaustion, heatstroke, muscle cramps, and fainting can occur. Tether will help optimise your home to maintain a comfortable environment.
- At 1,000-2,000ppm of carbon dioxide, occupants may complain of drowsiness. From 2,000-5,000ppm, occupants will experience headaches, sleepiness and stagnant, stale air. Poor concentration, loss of attention, increased heart rate and nausea may also be present. 5,000ppm is the maximum workplace exposure limit.
- Allergenic mites, fungi, mould and mildew thrive in damp environments with a sustained humidity over 60%. Airborne viruses, such as the flu and the common cold, survive well in a relative humidity over 70%. There is a risk of property damage caused by poor environmental conditions such as excess moisture.



TETHER FEATURES

- Operates on AA batteries without cables. Can be mounted on walls and ceilings. Measures temperature, humidity, CO2, VOCs (including manufacture of drugs like meth), light and pressure.
- Monitor your home or portfolio on your PC, smart phone or tablet with dedicated Apple or Android apps. View a dashboard or download the raw data for multiple rooms or properties. Get push notifications and alerts on dangerous conditions. Quick and easy to setup.
- Using a wide-reaching radio frequency network, Tether eliminates the need for WiFi or cell coverage, making it flexible and stable to use.

