Wireless Smoke Detection System
Specification Sheet

Product Overview

The INS LifeGuard Wireless Smoke Detection System provides advanced fire protection without electrical wiring. Designed for homes, villages, and multi-unit dwellings, this system ensures compliance with fire safety regulations while offering seamless 24/7 monitoring and instant emergency response.

10-Year Lithium Wireless Smoke Detector (LIF6000DCW)

Key Features:

- **Power Source:** 10-Year Sealed Lithium Battery (non-replaceable)
- **Interconnectivity:** Wirelessly connects up to 24 units
- **Sensor Type:** Photoelectric sensor for detecting slow, smouldering fires
- **Alarm Volume:** 85dBA at 3m distance
- **Wireless Frequency:** 918MHz
- **Range:** 100m (line of sight), 30m (indoors)
- **Mounting:** Ceiling or wall surface mount
- **Tamper-Resistant:** Prevents easy removal
- **Hush Function:** Temporarily silences alarms for 10 minutes
- **Standards Compliance:** AS3786:2014, AS4268:2017

Benefits:

✓ No wiring required – simple installation

✓ Ensures whole-home coverage with wireless interconnectivity

✓ 10-year maintenance-free battery operation

✓ Complies with Australian fire safety regulations

Wireless Interlink Hub (LIF6000WIRM)

Key Features:

- **Wireless Relay Module:** Connects non-wireless devices (sirens, strobes, exhaust fans)
- **Power Supply:** 240V AC with backup rechargeable battery
- **Wireless Range:** <100m (open air)
- **Interconnection Capacity:** Up to 24 wireless devices or 12 hardwired alarms
- **Selectable Relay Options:** Smoke Alarm Latching, Smoke Alarm Pulse, CO Latching
- **Temperature Range:** 0°C - 40°C
- **Standards Compliance:** AS/NZS 4268:2017, AS/NZS 62368.1:2018

Benefits:

✓ Expands fire protection across multiple buildings

✓ Enables seamless integration of additional safety devices

✓ Provides flexible installation in locations with structural limitations

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Hush & Test Remote Controller (LIF6000THL)

Key Features:

- **Power Source:** 10-Year Sealed Lithium Battery (non-replaceable)
- **Operation Range:** 100m (line of sight), 30m (indoors)
- **Controls:** Test function for regular alarm checks, Hush function to silence alarms remotely, Locate function to identify triggered alarms
- **LED Indicators:** Red (Alarm Activation), Green (Locate/Hush Confirmation), Amber (Low Battery Warning)
- **Mounting Options:** Wall-mounted or portable
- **Standards Compliance:** AS/NZS 4268:2017, AS/NZS 3786:2014

Benefits:

✓ No need to climb ladders – remote testing and silencing

✓ Ensures regular maintenance for reliable alarm operation

✓ Improves ease of use for seniors and facility managers