

Simplify Smart Meter Installers' decision making and de-risk any complex 2.4 & Sub-GHz IoT deployments

Dual Band HAN Assist Tool

A unique Home Area Network survey and no-WAN installation toolkit



Two Essential Functions

HAN Survey Tool

- Place units at meter and device install locations
- Easily scan 2.4 GHz and Sub-GHz frequency channels - including all Zigbee channels
- Pick the right Communications Hub, Gas & Electricity Meters, and other devices
- Simplify decision making, reduce time, cost and risk of unhappy customers

One Valuable Product

HHT Proxy Function

- Facilitates No WAN Installation
- Pair and configure devices in the absence of WAN
- Local Command Delivery of Service Requests/GBCS for UK Smart Metering
- Create and configure a working Home Area Network
- Set up tariff display and prepayment functionality

Indispensable Equipment for Smart Metering Equipment Installers

Easy to use, operator-friendly secure product and interface
Encrypted, wireless connectivity through Wi-Fi & Bluetooth®
Simple and intuitive App for HAN Survey and HHT Functions
REST API integration to work & asset management solutions
Can be used standalone - without App or API integration
Upgrade Over-The-Air from App or HHT, or direct via cable
Flexible USB charging; rugged soft or hard carry case options
Detailed RF survey results stored and HHT GBCS logging



Choose Right – First Time – No Second Visit

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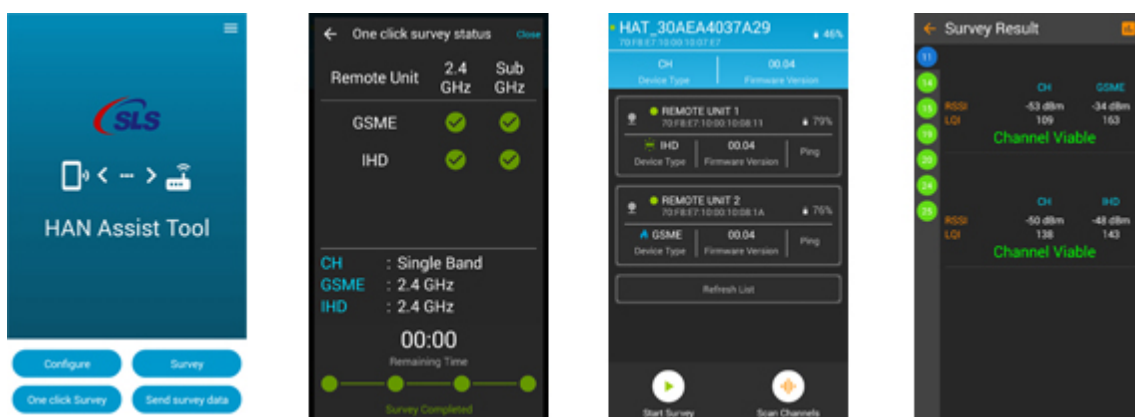
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Multi-platform App with Survey & Expert User Analysis mode



HAT Product Specification

Power Input	5V DC Input
Operating Current Max	4A DC
Operating Temperature	-40 °C to +85 °C
Storage Temperature	-40 °C to +100 °C
Battery Charge Capacity	2 full days use
Silicon Protection Cases	Colour Coded
IP Rating	IP54*
RoHS / CE / RED	Yes
ZigBee Chipsets	- NXP JN5169 (controller + 2.4 GHz) - NXP OL2385 (Sub-GHz)

Main Unit Specification

CPU	Xtensa® Dual Core 32-bit LX6 Microprocessor
ROM	448 KB
SRAM	520KB
Wi-Fi	802.11 b/g/n/e/i
Zigbee	2.4 and Sub GHZ
Power Input	Micro USB / Type B Battery Powered
Operating Voltage	5V DC
Operating Current Max	1A DC
Operating Temperature	-40 °C to +85 °C
Storage Temperature	-40 °C to +100 °C
Battery Charge Capacity	2 full days use

Remote Unit Specification

CPU	32-BIT RISC CPU
ROM	4 KB EEPROM
SRAM	32 KB
Zigbee	2.4 and Sub GHZ
Power Input	Micro USB / Type B Battery Powered
Operating Voltage	5V DC
Operating Current Max	1A DC
Operating Temperature	-40 °C to +85 °C
Storage Temperature	-40 °C to +100 °C
Battery Charge Capacity	2 full days use

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