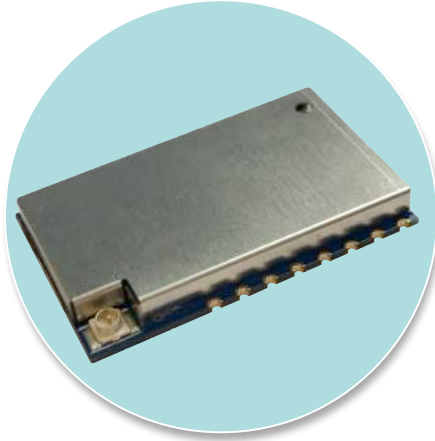


## HXC Series Client Module



Long-range, low power, two-way communications using the secure LoRaWAN protocol. Connect Internet of Things devices to a managed LoRaWAN network. Multiple frequency and band plan options available for deployment in different countries.

Secure cloud-based key management and provisioning accelerates deployment.

## Product Overview

- LoRaWAN protocol Class A & C
- Multiple regional channel plans supported
- 72 uplink & 8 downlink channels
- Private or public networks
- SMT package for easy and reliable PCB mounting
- Globally unique LoRaWAN device address
- SecureConnect API for automated provisioning and activation
- Environmentally friendly, RoHS compliant
- Integrated u.FL antenna connector
- Firmware Upgradeable
- Ultra Low Power micro amp sleep mode for multi-year battery life
- LoRaWAN™ 1.0.1 compliant
- Ultra-high sensitive receive with LoRa® spread spectrum modulation
- Long-range up to 15km
- 2-way communications
- Strong interference immunity



### Key Features

- Multiple bands & channel plans
- Up to 15km wireless range
- Low power 10+ year battery life
- SecureConnect provisioning API
- Easily integrate with serial interface
- Corrosion resistant

## Specifications

- Multiple frequency bands 433-525 MHz & 902-928MHz
- High Receiver Sensitivity down to -146 dBm
- Transmit power up to +20 dBm with internal amplifier
- FSK, GFSK, and LoRa® modulation
- Matched to 50 Ω impedance output
- Operating voltage 2.0 – 3.6V
- AT command interface over UART
- Compact form factor: 20x 30.5.7 x 3.34 mm

### SIMPLE DEPLOYMENT

The HXC series modules are designed for ease of deployment. LoRaWAN configuration has been dramatically simplified to work out of the box for most installations

### PROVISIONING

Integrated provisioning capability from contract manufacturer to live deployment using SecureConnect portal

For more information on any of our solutions please visit us on the Web at: [www.haxiot.com](http://www.haxiot.com)

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