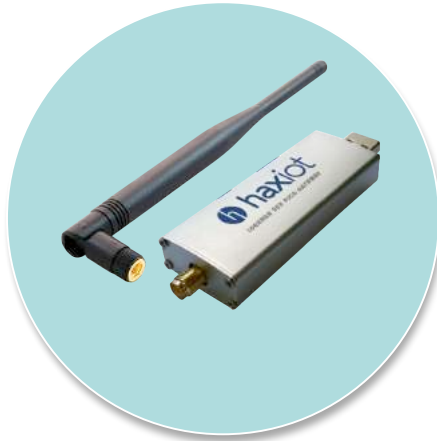


Haxiot HXDW USB Picocell Gateway



Haxiot HXDW USB Picocell Gateway enables LoRaWAN™ wireless coverage on existing edge host systems & leading industrial grade gateways. The HXDW USB gateway supports the Haxiot Conductor NS cloud platform for configuration and connecting LoRaWAN IoT devices. The HXDW receiver sensitivity provides coverage and capacity for 1000's of LoRaWAN Internet of Things devices.

The HXDW is suitable for public or private LoRaWAN IoT deployments. The gateway software supports multiple Linux distributions & Windows 10 IoT Enterprise gateway host platforms. The HXDW gateway software runs as a service, supporting Auto-Connect, Auto-Recovery and Auto-Configuration from the Haxiot Conductor Network Server platform.

Product Overview

- 8-channel LoRaWAN gateway modem
- USB 2.0 interface to gateway host
- Industrial temperature rated -40°C to +85°C
- Capacity for up to 1.5 million messages per day
- Dynamic Cloud Configuration supported with Haxiot Conductor Network Server
- Single-click deployment on Windows 10 & Ubuntu Core 16 SNAP support
- Conductor Network Server support for Class A, Class C and Multicast
- Supports Windows 10 IoT Enterprise / Pro & Linux host systems
- TLS AES256 bit encryption to Conductor Network Server

Specifications

Mechanical Specifications	
Power Consumption	< 500mA
Operating Temperature	-40C to +60C
Operating Humidity	10% to 80% Non-condensing
Size	80 x 33 x 17 mm
Weight	320g

Interfaces	
Uplink	USB 2.0
LoRa Antenna	SMA-Type 3dBi
Power	<500mA
Weight	320g (excl antenna)

LoRa Radio	
Available Bands	902-928
Tx Power	+21dBm (US)
Rx Sensitivity	-138 dBm (SF12)
Channels	8 Rx / 1 Tx
Antenna	+3dBi SMA-Type

Software & Management	
OS Support	Linux Windows 10 IoT Enterprise Windows 10 Pro
Software Features	Auto-Configuration Auto-Restart Run-as-a-Service
Networking	IPv4 TLS 1.2+ security



SIMPLE DEPLOYMENT

The HXDW900 supports simplified gateway deployments with single-click setup & cloud auto-configuration.

RELIABLE

Superior reliability with industrial temperature range. Software auto-recovery from network or server interruptions

Key Features

- USB 2.0 interface
- Conductor Network Server
- Up to 21dB Transmit Power
- 1-Click Provisioning
- Auto-Configuration

For more information on any of our solutions please visit us on the Web at: www.haxiot.com