



COMPACT AND ROBUST PROFESSIONAL GRADE LoRaWAN® BASE STATION

The evolution of the LORIX One More features, less power consumption

IP65 – Outdoor and indoor use
Quick and easy to deploy



MAIN SYSTEM

CPU – ARM Cortex-A5 600 MHz

RAM – 256 MB ^{NEW}

Internal storage – 1 GB NAND ^{NEW}

Extension storage – microSD card

Consume less than 1.5 W ^{NEW}

Operable from -30 to +70 °C ^{NEW}



OS/SOFTWARE

LORIX OS

Wifx gateways Operating System

Intuitive and reactive web interface

One click reliable remote updates

Clouds and LoRaWAN® forwarding

The Things Network

LoRa Basics™ Station

ChirpStack

Others possible
with seamless integration



CONNECTIVITY

Ethernet 10/100 Mbps
with passive PoE 10-48 Vdc ^{NEW}
compatible with active PoE*

Permits to bring power and data
with only one cable

USB-C ^{NEW} connector access
for alternative configuration
and commissioning method

SSH client, REST API for batch
configuration and client
infrastructure integration



LoRa®/RF SYSTEM

SX1302 gateway chip ^{NEW}

8 channels with
SF5 and SF6 support

Unrivalled performance in
an ultra-compact format

Supported and certified for
Europe
USA/Canada
Australia/New Zealand ^{ONGOING}

OVERVIEW



ANTENNAS



5 dBi outdoor IP65 antenna, 500 mm (19.68 inches)



3 dBi outdoor IP65 antenna, 240 mm (9.45 inches)



2 dBi tiltable indoor antenna, 210 mm (8.27 inches)
(863-870 MHz version only)

* Check the full product specifications on iot.wifx.net

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LORIX ^{One}



LORIX OS

INTUITIVE AND VERSATILE WIFX GATEWAYS OPERATING SYSTEM

REACTIVE WEB INTERFACE - STABLE AND SECURE - RELIABLE REMOTE UPDATES



INTUITIVE

LORIX OS provides intuitive ways for you to install, maintain and monitor your gateway simply and efficiently



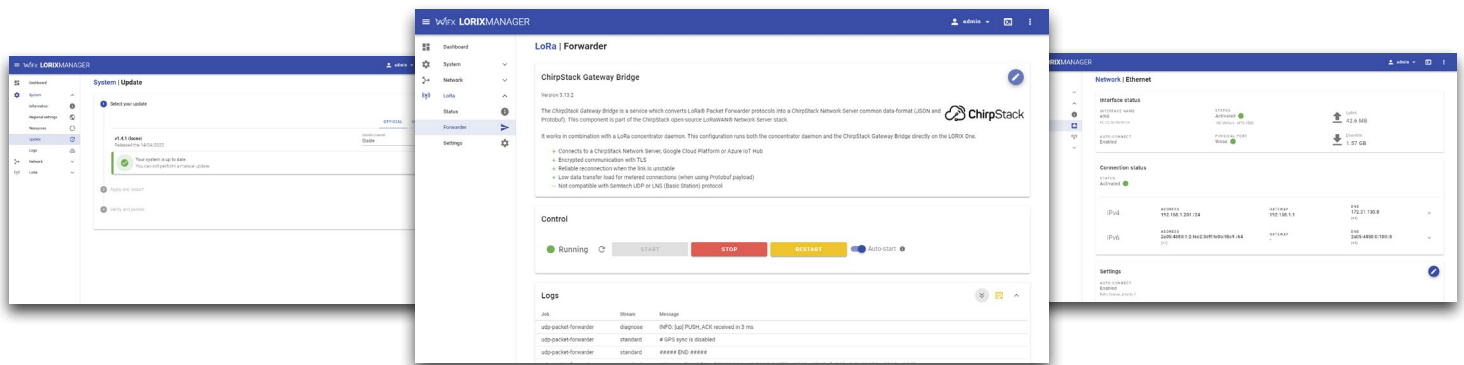
INTEGRABLE

The structure, tools and documentation of LORIX OS are designed and built to help integrators to make the gateway part of their solution in a reliable and lasting way



CUSTOMIZABLE

The open and standardized build system of LORIX OS allows you to adapt the result at all levels to fit your needs



AN EFFICIENT WAY TO CONFIGURE YOUR PRODUCT INCLUDING NETWORK
AND LoRaWAN® FORWARDING ASPECTS



Intuitive

- Secure, reliable and transparent remote system update
- Reactive web interface for smartphone, tablet and desktop
- Free choice and easy configuration of LoRaWAN® forwarders*



Integrable

- Easy and secure integration and automation (REST API and CLI)
- Full access to the system configuration and tools
- Complete toolchain for compiling additional applications



Customizable

- Fully open and customizable build system to generate your own system image
- Ability to integrate your own applications and tools into the image
- Intelligent construction using Yocto Project that allows you to maintain your long-term business without wasting time

Built with

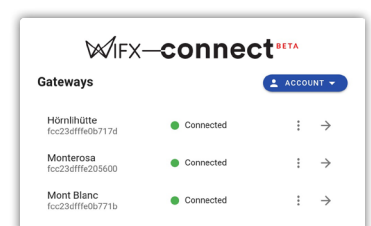


WIFX—connect^{NEW} A new service from Wifx



The novel way to remotely reach your fleet of Wifx gateways, easily and securely

- Configurable through the graphical interface in a few clicks
- Your gateways are reachable wherever they are (no public IP, NAT or routing required)
- Access your fleet with centralized credentials
- Secure and encrypted connection



* Also supported by any Semtech standard UDP or LoRa Basics™ Station compatible clouds, check full specifications on iot.wifx.net/go/lorix-os



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