

MatchX offers superior LPWAN hardware and customized reporting solutions



Blockchain-ready Infrastructure



Listen-Before-Talk



Bluetooth Firmware Update

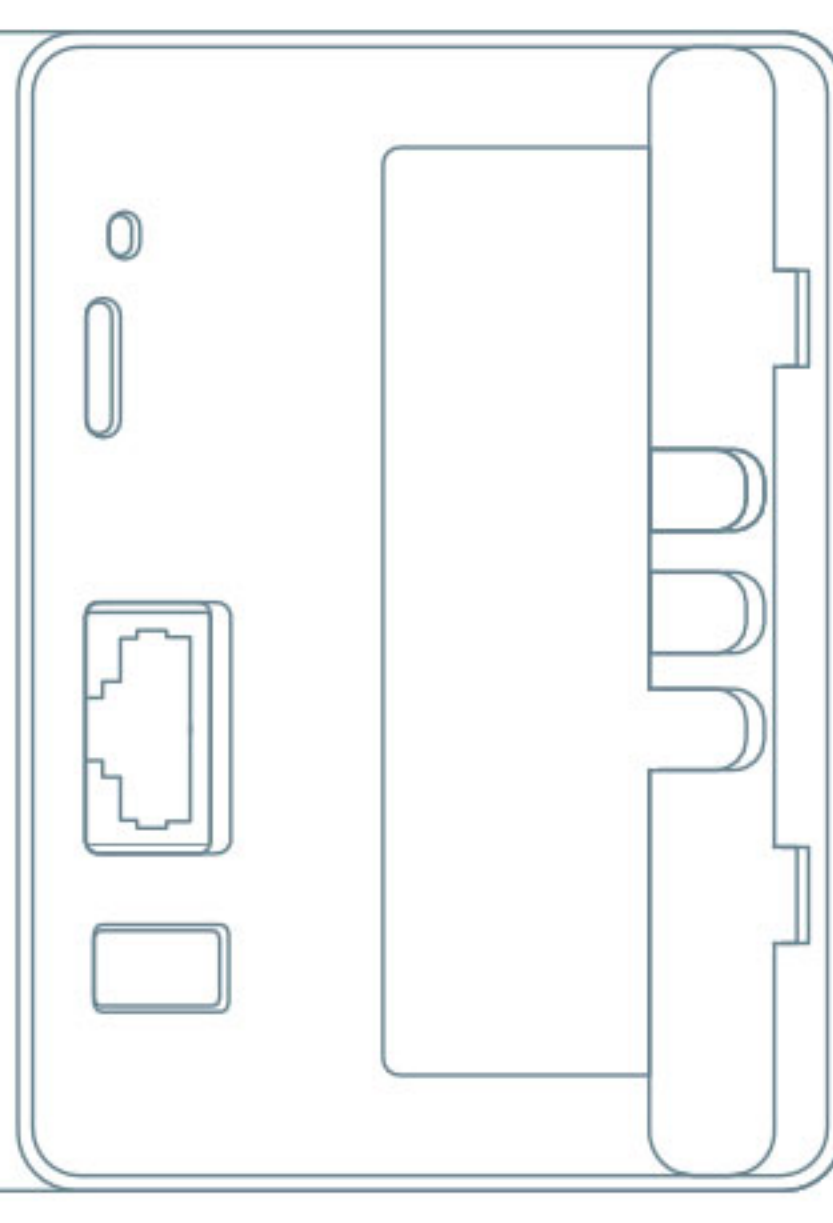


Free Cloud Access

MatchX Gateway

MatchX outdoor gateway is weather-resistant, long-range and adaptive. It is certified around the globe. Using built-in Listen-Before-Talk technology MatchX Gateways are built to avoid data-collision and ensure the reliable transmission of your data.

Achieve **ranges of up to 35 km without drops** in data transmission

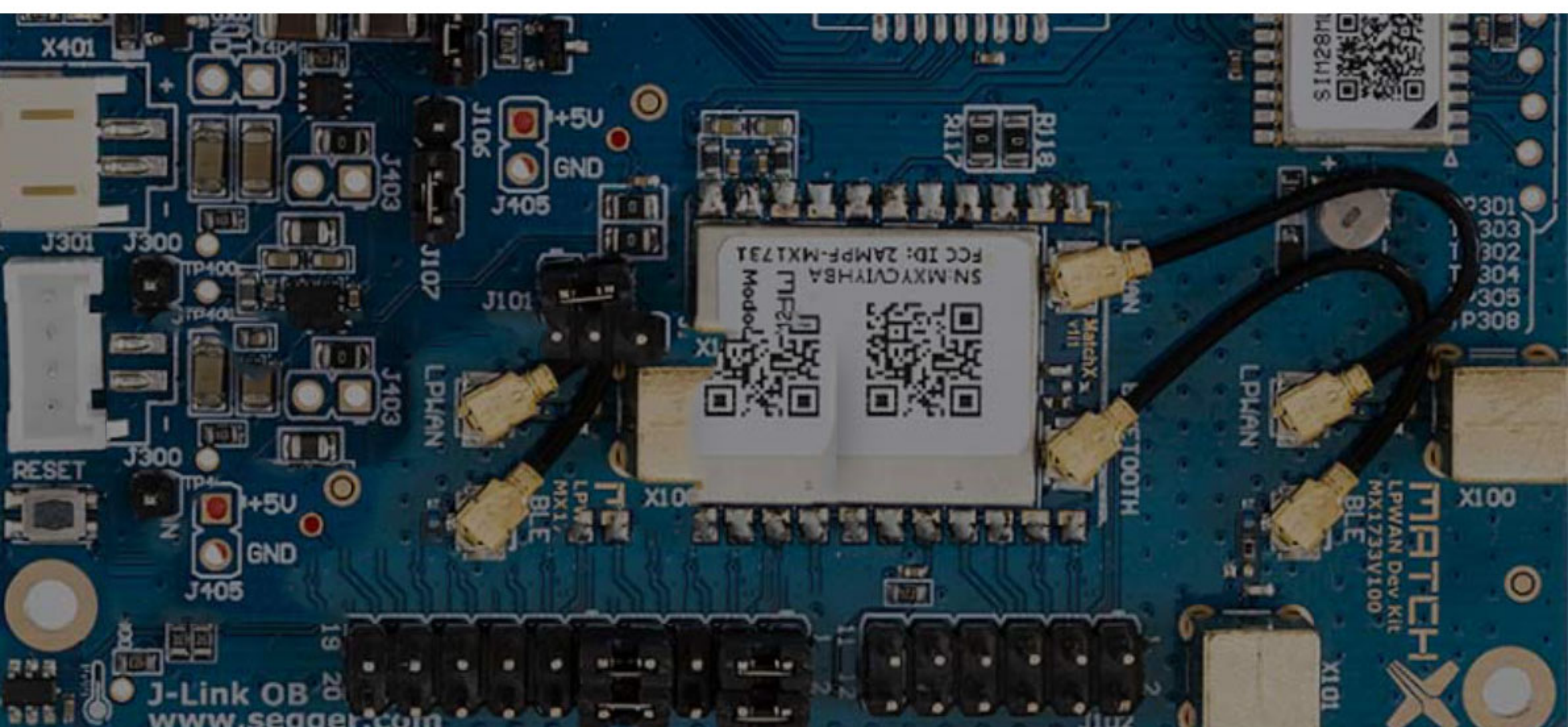
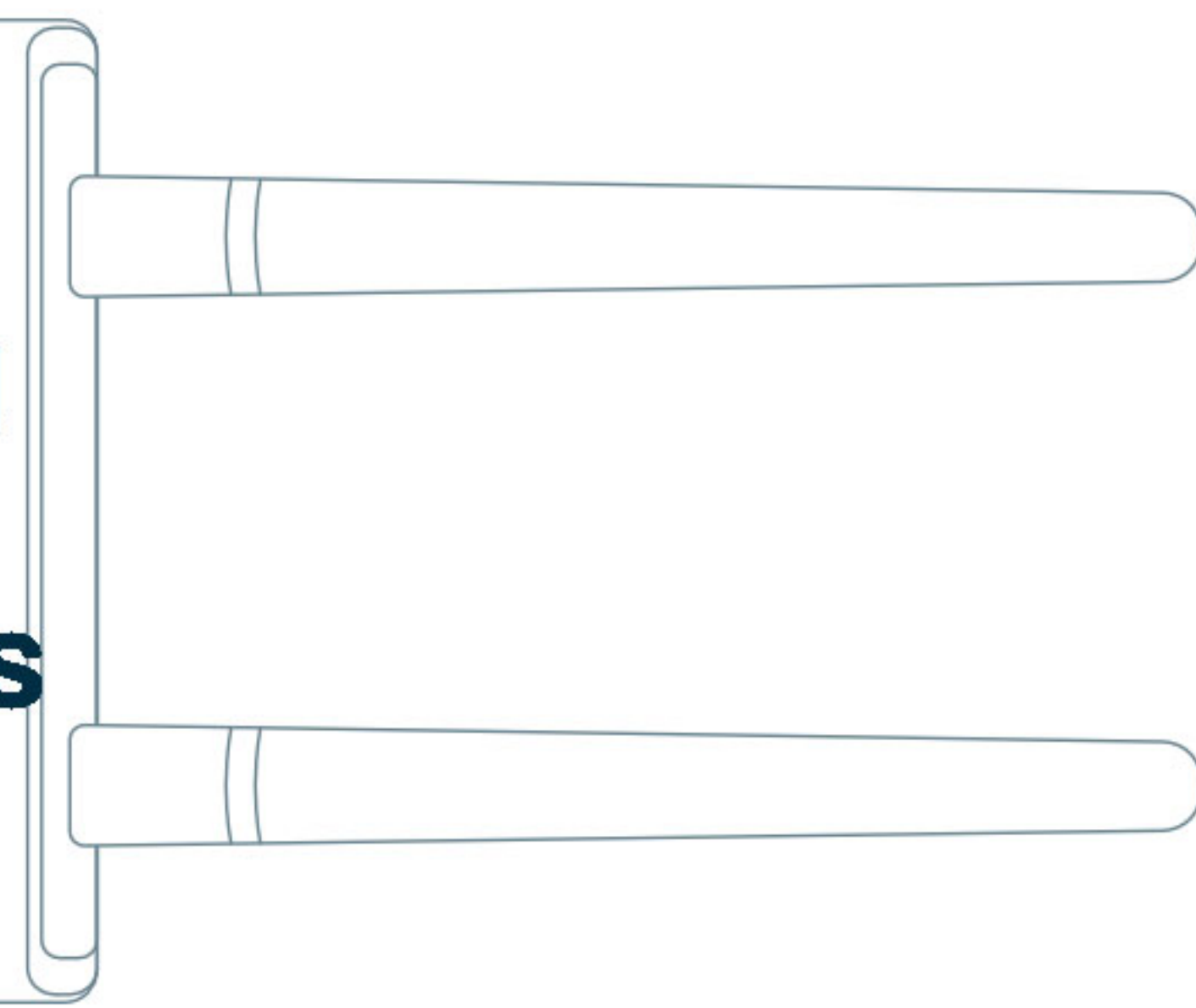


Technical specification

Operating System	OpenWrt/LEDE
Protocol	LoraWAN V1.02
CPU	MT7628AN 580MHz MIPS
Memory	128MB DDR2 RAM 32MB FLASH
IoT	LoraWAN SX1301 +30dbm Output Power in 902-928MHz +27dBm in 863-870MHz -143dBm Sensitivity 20km Range
GPS	UBlox Max 7Q
Network	WiFi, Ethernet & POE
Size	78 x 140 x 30mm
USB	USB 2.0
Certification	CE, FCC, RCM, IC, LoraWAN
Operating Temperature	-40°C to 85°C
Debug Interface	USB-C for UART, 4 GPIOs
LAN	10/100 Mbit LAN
Antenna	On-Board Wi-Fi Antenna
SMA	Lora, GPS
Band	EU:863-870MHz US:902-928MHz AU/SIN/HK/THA:AS923
Listen-before-Talk	Europe, Japan, South Korea
Others	RGB-LED, 8 GPIO, IP65 rating, ASA weather-resistant enclosure



Secure encrypted **network** for building **deep coverage, low power** and **low costs** solutions



Model	Frequency	Country
MX1701	EU863-870	Europe
	IN865-867	
MX1702	US902-928	Australia
	AU915-928	
	AS923	
	KR 920-923	

Outstanding features



Increased Efficiency

Achieves a network range of up to 40 km without data transmission interruption.



Plug and Play

Experience the end-to-end ecosystem of hardware, software and cloud without the hassle of frequent maintenance.



End-to-End Encrypted

Highest levels of security through end-to-end encryption.



Broad certification

Fully certified for FCC, IC and CE



Technical Support

Our specialists are here to offer you help and expertise



Own Storage

We ship from our EU warehouse directly



In-house firmware and hardware engineering