MIKROTIK

SXTsq Embedded LTE4

A cost-effective outdoor LTE device with an integrated 2×2 MIMO directional antenna – so you can always stay connected, even in the countryside, and on the tightest budget!

European/EMEA LTE bands



supports

MIKROTIK

Connectivity & eSIM!

- **IP67 rated enclosure**
- **Modern ARM CPU**
- **Gigabit Ethernet**
- **2x2 MIMO**
- **eSIM + NanoSIM**
- **PoE-In**

Not every connection needs maximum speeds – sometimes you just need a reliable and affordable way to get online wherever life takes you.

The **SXTsq Embedded LTE4** is designed for practical connectivity in rural homes, cabins, construction sites, and remote locations where traditional broadband may not reach.

Mount it outdoors, point it toward the nearest tower, and get reliable LTE connectivity where traditional broadband may not reach. The integrated directional antenna improves signal quality and stability – especially in rural environments.

Powered by **RouterOS v7**, the device offers the full MikroTik networking stack:

- advanced routing
- firewall and VPN support
- remote management
- traffic control and monitoring
- automation and scripting

From cabins to construction sites: weatherproof, affordable, durable & compact!



From simple internet access to complex network setups – it adapts to your needs. Built for **reliable and affordable outdoor connectivity**, the SXTsq Embedded LTE4 features a **Cat4 LTE modem, integrated 2×2 MIMO directional antenna**, a speedy **ARM CPU, 256 MB of RAM, PoE-in (12–28 V)**, and a rugged **IP67 enclosure** – all running **RouterOS v7** with just **5 W max power consumption**.

eSIM + Nano SIM – connectivity made easier

The SXTsq Embedded LTE4 introduces **eSIM** support to this popular outdoor platform.

Activate a data plan remotely and bring devices online without handling physical SIM cards. This is especially useful for **remote deployments, backup connections, and distributed installations**.

For additional flexibility, the device also includes a **Nano SIM slot**, allowing you to use traditional mobile operators when needed.

Fast deployment, flexible connectivity – exactly what modern networks demand.

Two modem variants are available to match different deployment needs.

SXTsq Embedded LTE4 (EC25-EU)
Optimized for **EMEA networks**, supporting the most common LTE bands used across Europe and nearby regions.

SXTsq Embedded LTE4 Global (EG25-G)
Expanded LTE band support for **North America and global deployments**, making it suitable for international projects and multi-region installations.



Your network, your rules: eSIM or NanoSIM

SXTsq Embedded LTE4 has a **true embedded SIM (eSIM)** built right in, fully compatible with:

MikroTik Connectivity
(pre-activated data plans)

Third-party eSIMs
(Mobile operator eSIM profiles)

Multiple eSIM profiles
(easily added, switched, or stored)

Specifications

Product code	EC25-EU&SXTsq
CPU	ARM 32-bit Cortex A7 up to 1.2 GHz
Size of RAM	256 MB
RAM type	DDR
Storage	512 MB NAND
Number of 1G Ethernet ports	1
SIM slots	Nano SIM, eSIM
MIMO DL	2x2
MIMO UL	1x1
LTE antenna gain	9 dBi
Dimensions	129 x 129 x 34 mm
Operating system	RouterOS v7, License level 3
Operating temperature	-40°C to +70°C

EC25-EU (EMEA) bands

LTE modem	EC25-EU
TAC	86554604
LTE Category	4 (150Mbps Downlink, 50Mbps Uplink)
LTE FDD bands	1 (2100MHz) / 3 (1800MHz) / 7 (2600MHz) / 8 (900 MHz) /20 (800MHz) / 28A (700 MHz)
LTE TDD bands	38 (2600MHz) / 40 (2300MHz) / 41 (2500MHz)
3G Category	R8 (42.2Mbps Downlink, 5.76Mbps Uplink)
3G bands	1 (2100MHz) / 8 (900MHz)
2G Category	Class33
2G bands	3 (1800MHz) / 8 (900MHz)

Powering

DC input	PoE-In
PoE-In input Voltage	12-28 V
Power adapter nominal voltage	24 V
Power adapter nominal current	0.38 A
Max power consumption	5 W

Included parts



24 V 0.38 A power adapter



Gigabit PoE injector



Hose clamp

Antenna patterns

