



---

# Tech datasheet

**NXS-9700-3G LITE**

rev.4

Reference:

SMSEagleNXS97003GREV4LITE

## DEVICE DESCRIPTION

**SMSEagle** is a professional **hardware SMS gateway** for sending and receiving SMS & MMS messages in an automated manner. The device is designed with focus on reliability and stability. SMSEagle is based on ARM A72 processor with Linux 5.1x OS on-board. It has a modern responsive web-interface, stable database backend, and built-in 3G modem with fail-over mechanisms (based on software watch-

dog) which monitor the work of the 3G modem. Thanks to built-in 3G modem, SMS messages are sent/received directly to/from GSM/UMTS network without using any external 3rd party solutions. The device is equipped with external antenna with 2 dBi gain – important especially in poor signal reception conditions (eg. Server rooms). The device has built-in plugins, **SMS2Email** and **SMS2Email Poller**.

## HARDWARE DETAILS

Processor type:	ARM A72 1.5GHz (quad core)
Network interface:	Ethernet 10/100/1000 TX (1xRJ45)
Internal storage:	16GB eMMC storage
RAM:	2GB LPDDR4
Other interfaces:	1x HDMI, 2x USB, 4xDI, 4x DO, 1x 1 Wire
Power consumption:	max 25W
Noise level:	Fanless
Dimensions:	(width x depth x height) 35 x 120 x 101 mm
Weight:	350g
Casing:	ABS, DIN rail installation
Operating parameters:	Operating temperature: 0 ~ 60°C (PSU: 0 ~ 40°C) Humidity: 8 ~ 90% RH (no condensation)
Built-in 4G modem:	RF Bands/Wavebands: 4G: ■ LTE-FDD: B1, B2, B3, B4, B5, B7, B8, B12, B13, B18, B19, B20, B25, B26, B28 ■ LTE-TDD: B38, B39, B40, B41 ■ WCDMA: B1, B2, B4, B5, B6, B8, B19 ■ Optional GSM: B2, B3, B5, B8
SIM card standard:	mini
Antenna connector:	SMA-J
External Antenna:	Omnidirectional 2dBi antenna with magnetic foot Cable length 3m
Temp & Humidity sensor:	Accuracy ± 0,5 °C, ±2 %RH
Power supply:	AC/DC Adapter: Voltage ranges: 100–240 V AC, Frequency: 50–60Hz Alternative: PoE+
Approvals:	CE, FCC, IC, GCF (for RF-module), PTCRB (for RF-module), RCM (for RF-module)
LTE standard:	Cat. 4: max 150Mbps download/50 Mbps upload (disabled/enabled)



## SENDING/RECEIVING THROUGHPUT

---

- **incoming transmission rate:** up to 30 SMS/min
- **outgoing transmission rate:** up to 30 SMS/min

## SOFTWARE PLATFORM

---

- operating system: **Linux 5.1x**
- built-in **Apache2 web server**
- built-in **PostgreSQL database server**
- built-in **Postfix server**
- built-in **SNMP agent**
- responsive **web interface**
- **watchdog mechanism** for 4G modem
- **failover mechanism** support (HA cluster)

## INSTALLATION AND SETUP

---

Installation of the device is easy and takes three basic steps:

- 1) Put a **SIM card** inside
- 2) Connect to **LAN (Ethernet)** network
- 3) **Configure IP address** in a web-browser

For detailed instructions on configuring IP address please refer to the user`s manual

## SERVICE & SUPPORT

---

SMSEagle comes with a **standard 2 year warranty and support**, as well as assistance in integration with external software if needed. Assistance is done via email/telephone/remote access.

The **warranty & support can be extended to 3 or 5 years** at the time of purchase to cover any hardware or software issues. For a detailed information on warranty terms and conditions check the link below (Warranty Terms and Conditions).

## USEFUL EXTERNAL LINKS

---

- User`s **manual** (pdf file) <http://www.smseagle.eu/downloads>
- Warranty **terms and conditions** (pdf file) <http://www.smseagle.eu/downloads>





**SMS**Eagle

Your Gateway  
to Unbreakable  
Communication

**Proximus Sp. z o.o.**  
ul. Piątkowska 163  
60-650 Poznań, Poland 1 Europe

**T** +48 61 6713 413  
**E** [hello@smseagle.eu](mailto:hello@smseagle.eu)  
[www.smseagle.eu](http://www.smseagle.eu)