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Lifelink Run

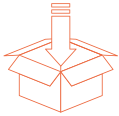
**Compact
private
wireless
network**



Overview

Compact, lightweight, easy to use and deploy: your all-in-one private 4G network.

Lifelink Wireless Run is a compact radio network that brings reliable connectivity to all your operations, increasing safety and security. It can connect all your critical operations in real time to any other product in the Eviden Lifelink Wireless portfolio. You can deploy it anywhere, any time and be your own operator.



All-in-one box, easy to deploy

- The Lifelink Run 4G is easy to deploy. The start-up time is less than 2 minutes.
- Weighing only 5 kg, it comes with a backpack for easy transport on any mission.



Secure

- Lifelink Run 4G is fully secure. It supports AES 128, SNOW, ZUC integrity and ciphering support, standard MILENAGE and TUAK authentication, and HSS encryption.

Main differentiator

- **Compactness** that makes the system one of the easiest to deploy in the market
- Up to **2x5 watts, 2x2 MIMO**
- **Ruggedized IP 67 ready:** **-20°C/+55°C** allowing outdoor use in harsh environments
- **Lightweight:** 5 kg (without antennas and batteries)
- **Quick and easy deployment:** Starts up in under 2 minutes, simple management
- Can host 3rd party VMs
- Battery autonomy of 2x3 hours, depending on usage and configuration for your tactical needs.



Versions for every need

This all-in-one network, including ePC, eNodeB and Radio Head, offers flexible deployment:

- Integrated in a vehicle or
- In a manpack for ultimate mobility.



Full featured

- IoT networks: compliant with NB-IoT and LTE-M Cat.1 Release 15
- Optional mission-critical services (MCx): MCPTT, MCVideo, MCDData including eMBMS and geolocation available.



Transport options



Mounted

Lifelink Run comes with an external power supply. It can be wall, pole or vehicle-mounted with an additional accessory holder.



Carried in a backpack

Options include a backpack, and batteries.



Transport case

A robust transport casing is available upon request.

Technical characteristics

3GPP standard functions	ePC and eNodeB, 3GPP Release 16
Mission-Critical features (option)	Can host 3rd party applications on a virtual machine (VM): 1vCPU, 2 GB RAM, 50 GB storage. Preinstalled with Lifelink MCx Connect, activation requires a separate license fee.
Available bands	B28, B40
Max Power	Up to 2x5W (MIMO 2x2)
Security	All 3GPP standard security supported: AES128, SNOW, ZUC standard integrity and ciphering support Standard MILENAGE and TUAK authentication support. HSS encryption
Up and running	120 seconds after power-up
Range (typical)	Up to 1 km with 5W max power in open land areas and good conditions
TPM (typical)	Less than 90W (in 2x5W FDD)
Dimensions and weight	Without antennas: height 240 mm, width 260 mm, depth 130 mm Volume: 8.2 liters 5 kg without batteries and antennas
Power Supply	12V DC, powered by external 220/110V supply or batteries
Antennas	MIMO 2x2 (50 Ω N-type) + 1xGNSS (N type), various antenna options available
Environmental	IP67 ready, operational temperature -20°C/+55°C, fanless
Capacity	100 active UEs + a few 100 NB-IoT/LTE-M based on average traffic profile
Connectivity	Gigabit Ethernet (RJ45) USB 3.0 Secure switch to toggle 1W / 5W
Accessories	Mounting kit, IP67 cables kit, additional power supply, backpack, batteries, transport casing

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About Eviden¹

[Eviden](#) is a next-gen technology leader in data-driven, trusted and sustainable digital transformation with a strong portfolio of patented technologies. With worldwide leading positions in advanced computing, security, AI, cloud and digital platforms, it provides deep expertise for all industries in more than 47 countries. Bringing together 41,000 world-class talents, Eviden expands the possibilities of data and technology across the digital continuum, now and for generations to come. Eviden is an Atos Group company with an annual revenue of c. € 5 billion.

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