Evolv Express® Personal Safety FAQs

01 Is the Evolv Express® system safe?

Evolv is dedicated to safety, quality, and consistency of our products. The Evolv Express® system has been safety tested and meets the following certifications:

- IEEE C95.1-2019 Standard for Safety Level with Respect to EMF
- ICNIRP Guidelines for Limiting Exposure to Time-Varying Electric and Magnetic Fields 2010 (1 Hz -100 kHz)
- NRTL-certified in accordance with UL 61010-1, CSA 61010-1, and EN 61010-1
- Americans with Disabilities Act (compliant access)*
- RoHS (restriction of the use of certain hazardous substances in electrical equipment)

**All configurations except outdoor model with standard mat are ADA-compliant for access.*

02 Is the Evolv Express system safe for people with an implanted or wearable?

In keeping with FDA guidance on the anti-theft systems (EAS detectors) and walk-through metal detectors, it is recommended that visitors and system operators with implantable or wearable medical devices consult their device manufacturer or physician for information relating to their own specific device. An alternative screening approach is recommended for anyone who has health and safety concerns.

03 Is the Evolv Express system safe for pregnant people?

The Evolv Express uses extremely low frequency radio waves (ELF) – a non-ionizing sensing modality – in compliance with IEEE C95.1-2019 Standard for Safety Level with Respect to EMF, the guidance for safe operation with the general public, which includes pregnant people and their unborn children. The IEEE is a leading developer of industry standards.

04 Are these systems safe for long-term exposure? i.e. for security staff manning the system?

The Evolv Express uses extremely low-frequency radio waves (ELF). The ELF waves are compliant with IEEE C95.1-2019 Standard for Safety Level with Respect to EMF, the guidance for safe operation with the general public, which applies to regular, occupational, and infrequent exposure, and the International Commission on Non-Ionizing Radiation Protection (ICNIRP) 2010 guidance. The ICNIRP is an independent organization that provides scientific information and science-based advice on protection from non-ionizing radiations through a wide range of publications, and IEEE is a leading developer of industry standards.

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