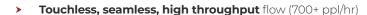


HEXWAVE[™] By: Liberty Defense

Walkthrough Detection of Concealed Weapons and Threats

The HEXWAVE™ system processes people quickly and effectively, providing touchless screening at the checkpoint or perimeter for enhanced protection, a layered defense, and a better experience.

The HEXWAVE portal scans for all types of concealed threats on person – non-metallic as well as metallic threats like 3D printed guns and improvised explosives.



- > Metallic and non-metallic threats detected including liquid, powder, and plastic explosives, 3D printed ghost guns, etc.
- > No required divestment of benign items like cell phones, keys, wallets, jackets, steel toe boots, or other clothing
- Real-time automatic go/no-go decision for operator indicating type and location of threat
- > Maintains **personal privacy** and no images are seen or stored
- Portable, flexible, cost-effective deployment. Can be used indoors/outdoors (covered), attended/unattended, inside/outside of the checkpoint
- > Millimeter wave technology is proven safe and effective for people screening
- > Video-rate **3D imaging powered by AI** delivers enhanced threat detection
- > Switchable AI algorithms for operational flexibility and threat levels
- > Software updates provide **future proofing** to incorporate emerging threats and new requirements
- Integrates Smart IoT functionality for connectivity to existing security systems (VMS, access control)



The HEXWAVE system provides a layered defense to ensure safe, touchless, advanced detection in many applications and venues types.



- > Entertainment Venues
- Casinos
- Hotels
- Tourist Attractions
- Shopping Malls
- Office Buildings
- School Campuses
- Places of Worship
- Distribution Centers
- Government Buildings
- Air and Sea Ports

















FEATURES and SPECIFICATIONS







PHYSICAL SPECIFICATIONS

Panel Height - 1.86 m (73.3")

Panel Width - .91 m (36")

Panel Depth – .23 m (9.1")

Base Width - 1.11 m (43.8")

Base Depth - .66 m (26.1")

Weight - each panel is 140 lbs (63kg)

Wheelbase locks for stability

Optimal panel placement – 1.5 m (72") apart

CONNECTIVITY

Ethernet (IEEE 802.3)

WIFI (IEEE 802.11 a/b/g/n/ac)

System supports open standards for cyber security

ENVIRONMENTAL DATA

Unaffected by proximity to EMI or metal

Power Supply: 100 to 264 VAC, 47 to 63 Hz, 2000 VA

Operating Temperature: 5°F to 95°F/-15°C to 35°C

Storage Temperature: -30°F to $150^{\circ}\text{F}/-34.4^{\circ}\text{C}$ to 65.5°C

Relative Humidity: 5 to 95% (without condensation)

CERTIFICATION AND COMPLIANCE

Compliant with applicable FCC regulatory standards

Compliant with applicable industry standards*

Compliant with applicable electromagnetic Standards on Human Exposure and Pacemaker Safety*

Compliant with applicable International Standards for electrical safety and EMC*

* in progress

