HEXWAVE[™]

Walkthrough Detection of Concealed Weapons and Threats



The HEXWAVE[™] system processes people quickly and effectively, providing touchless screening inside and outside of the checkpoint for enhanced protection, a layered defense, and a better experience.

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



- Detects metal and non-metal threats using Millimeter Wave and 3D Video-Rate Imaging
- ➤ Better detection allows for processing people in real-time for high throughput flow (700+ people per hour)
- No need to divest keys, wallets, cell phones, jackets, etc.
- Powered by Al and Deep Learning algorithms for automatic threat detection (trained on 100 TB of Al threat data)
- ➤ Gives operators a clear go/no-go decision, location of threat, and visible/audible alerts. Allows for directed search
- > Maintains personal privacy and no images are seen or stored
- Allows connectivity to existing security systems (VMS, access control) and over the air Al/software updates for evolving threats
- Provides flexible indoor/outdoor, mobile, or fixed installation
- > Can be used attended or unattended, inside or outside a checkpoint

AIRPORT PROTECTION

The HEXWAVE system provides a layered defense to ensure safe, touchless, advanced detection at multiple points throughout the airport.



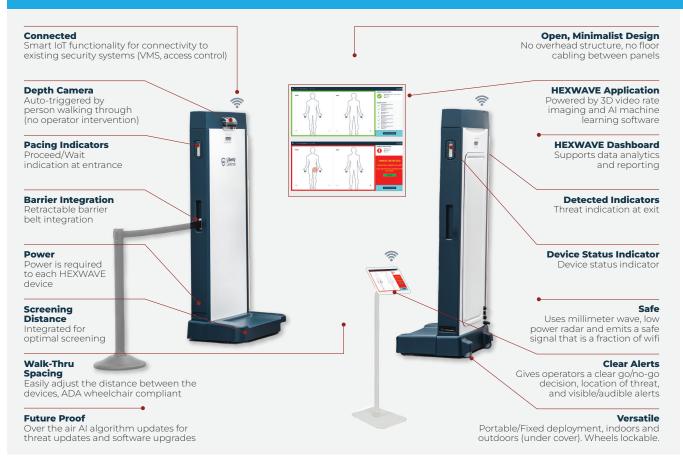








FEATURES and SPECIFICATIONS





PHYSICAL SPECIFICATIONS

Panel Height - 1.8 m (72")

Panel Width - .17 m (7.0")

Base Width - .58 m (23.5")

Weight - each panel is ~55kg (125lbs)

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

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

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°F/ -34.4°C to 65.5°C

Relative Humidity: 5 to 95% (without condensation)

