MobileScan®

Automatic Target Recognition

Microsemi

Description

APPLICATIONS
- Physical security checkpoints
- Loss prevention entry/exit screening
- Indoor use only

SENSITIVITY
- Metals (ferrous and non-ferrous)
- Non-metals
  - Plastics, liquids, gels
  - Ceramics, powders, explosives
  - Currency, drugs
  - Media and electronics

EASE-OF-USE
- Operationally ready in just minutes
- Self-contained, including rechargeable power supply
- Simplified controls and indicators
- Fully automatic threat detection

NETWORK FRIENDLY
- Wireless network configuration
- Standard TCP/IP communications for easy integration with existing security infrastructure

COST-EFFECTIVE
- Very low maintenance costs
- No consumable parts to purchase
- Low operator training expense

RELIABLE
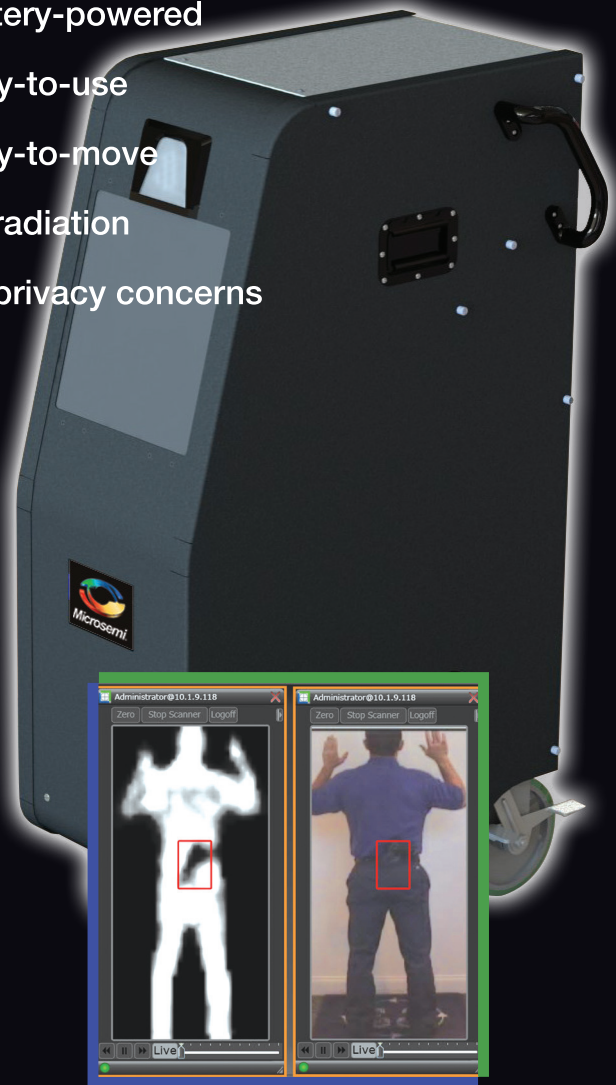- High MTBF
- Environmentally sealed

Self-contained system

Battery-powered

Easy-to-use

Easy-to-move

No radiation

No privacy concerns

Reveals no anatomical details, protects privacy

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Our Technology

Microsemi's Technology:
Safe, Effective and Private

Microsemi's patented solutions are all built using passive millimeter wave (MMW) technology. This is a critical distinction, as this is the only type of people screening technology that overcomes the limitations, invasiveness and safety issues of other systems, including x-ray and backscatter machines, metal detectors, and active whole body imaging systems.

Unlike active MMW systems, Microsemi's passive MMW solutions detect objects during people screening without radiating subjects, posing no health risks. The systems simply measure the naturally occurring energy emitted by the person. Microsemi's passive MMW solutions are safe for everyone—including children, pregnant women, and people with pacemakers.

Equally important to safety is the need to protect personal privacy. Microsemi's passive MMW solutions do not reveal anatomical details, so privacy is protected. In contrast, active MMW systems radiate energy to the subject, penetrating clothing and creating a detailed 3D image of the body.

With Microsemi's passive MMW technology solutions, there is no need to compromise between security and protecting the public's health and right to privacy.

Specifications

- Hours operation on full-charge: Up to 8 hours
- Power Supply/Charging:
  Universal input can accept 90-265V
- Hardware Operating Temperature:
  32°F to 122°F (0°C to 50°C)
- Software Operating Temperature:
  Ambient air temperature not to consistently exceed 80°F (26°C)
- Hardware Operating Humidity:
  0 to 95% RH (non-condensing)
- Dimensions (H x W x D):
  53 x 16 x 31 in (134 x 41 x 72 cm)
- Net Weight: Approximately 220 lbs. (100 kg) excluding laptop and backdrop
- Shipping Dimensions (H x W x D):
  63 x 25 x 38 in (159 x 64 x 97 cm)
- Shipping Weight: Approximately 445 lbs. (202 kg) including laptop and backdrop

Interfaces

- Monitor output: D-sub 15 (VGA) connector (1024 x 768 Hz default)
- Network: 10/100 Ethernet, RJ45
- Peripheral Interface: Two USB 2.0 ports
- Auxiliary AC power for laptop: 120VAC

Additional Information

Visit our website for more detailed information on MobileScan and other security solutions from Microsemi: www.microsemi.com

Protecting People, Property & Privacy