

MINI Z

Handheld Backscatter Screening System



baggage & parcel

*inspection
technology*

The MINI Z® system is the world's most powerful Z Backscatter® imaging system, highlighting organic threats and contraband and providing unsurpassed operational flexibility.

With its small form factor and single-sided imaging, the MINI Z system can scan a wide variety of targets, such as car doors and fenders; tires; furniture; packages; and the interiors of boats, vehicles and aircraft. The MINI Z system is completely self-contained, with no required set-up and no consumables to replenish. Simply power on the device and you're ready to scan. The MINI Z system is inherently low dose and features reliable and redundant safety subsystems.

The Enhanced Detection Panel option for the MINI Z system provides operators with the ability to detect more threats by providing more information about scanned objects. Using the Enhanced Detection Panel, operators can select to acquire a transmission image of the object to detect metallic threats, such as guns and knives. The transmission image is displayed on the tablet simultaneously with the Z Backscatter image.



FEATURES AND BENEFITS

- Portable Z Backscatter imaging system
- Easy to use
- Safe for operators, bystanders and the environment



LEFT: MINI Z system scanning passenger door
RIGHT: X-ray image of concealed currency

Rapiscan[®]
systems

AS&E[®]

MINI Z

System Specifications

- X-ray Source: 10-watt 120 keV X-ray tube
- Interconnection Options: Wireless connection through built-in Wi-Fi; optional hard-wire via Ethernet cable

Scanner Dimensions

- Length: 11.5 in (29.2 cm)
- Width: 9.8 in (24.9 cm)
- Height: 7.6 in (19.3 cm)
- Weight: 11 lbs (5 kg)

Operating Time

- Scanner Battery: Four hours (typical) per battery; two batteries provided
- Scan Speed: Nominal 15 cm (6 in) per second
- Tablet Battery: Six hours, typical
- System Software: Microsoft® Windows® 10 IoT with ASEInspection™ software

Transport Case Dimensions

- Length: 25 in (63.5 cm)
- Width: 19.5 in (49.5 cm)
- Height: 15.0 in (38.1 cm)
- Full System Weight: 49.8 lbs (22.6 kg)

Environment

- Operating Temperature: -4° F to 113° F (-20° C to 45° C)
- Storage Temperature: -40° F to 140° F (-40° C to 60° C)
- Operable in: Rain, snow, high winds, and altitudes up to 9,845 ft (3,000 m) nominally
- In Compliance With: CE directive 2004/108/EC

Health and Safety

- Complies fully with all applicable U.S. federal health and safety regulations:
 - *ANSI/HPS N43.3-2008 Open System Classification*
 - *Conforms to applicable ANSI, ICRP, NCRP, and Euratom radiation safety standards for annual allowable dose for the general public*
 - *To help prevent inadvertent X-ray emission, the system is equipped with a series of interlocks and audiovisual indicators*
 - *Contains no live radiation source*

System Components

- MINI Z scanner
- Microsoft Windows 10 IoT tablet with ASE Inspection software
- Rugged tablet case with integrated stand
- Tablet mount to affix to MINI Z system
- Two replaceable batteries
- Battery charger (with international power cords)
- Transport case
- Warmup dock
- Quick-start guide

System Options

- **Tactical Backpack:** For greater portability
- **Enhanced Detection Panel:** Provides operators with the ability to acquire transmission images
- **Language Kits:** Arabic, Chinese, English (standard), French, Polish, Portuguese, Russian, Spanish

