

# ThruScan® Walk Through Metal Detector sX-i



Product Code: 869755498114  
NATO STOCK NO (NSN): 6350270411812

## features...

- International norms (NILECJ-0601 L1-5/ NIJ 0601.02 Small Object Sensitivity 60529, EN 60068, EN60950 Class1 / IP 65) In conformity with ECAC DOC 30 Standard 2, CE European Union Norms and produced under ISO 9001: 2008 QMS
- Certified in Compliance to EN 61000-6-3, EN 61000-6-1 regulations and in compliance with DIRECTIVE 2002/95/EC (restriction of the use of certain hazardous substances in electrical and electronic equipment)
- Multi-Zone - 9 Real Parallel Detection Zones
- Separate Sensitivity Settings for Different Detection Zones
- Standard Preset JAILHOUSE / AIRPORT / MILITARY / POLICE PREMISES / SHOPPING MALL Security Levels
- Whilst Normal Operation, displays IN/OUT Counters and Security Level on 64x128 GLCD without abbreviations so that Security Staff can easily understand
- Capable to Detect both Ferrous and Non-Ferrous Metallic Threat Objects Considered Dangerous by International Security Authorities.
- Can detect when tested both individually and in combination.
- Displays Location of the Detected Metal Objects with Continuous LED Zone Indicators on One Side Panel from top to bottom both rear and front of it. Side panels can be replaced
- Detects all threat objects even concealed, hidden with camouflage and/or wrapped. Impossible for such threat objects to pass through the WTMD without causing an alarm.
- No Interferences between Zones and No False Alarms
- Random Alarm Feature enables to scan some percentage of clean visitor
- Homogeneous Magnetic Field – No Dead Points – Same Detection Capability from bottom to top
- Detects Metals regardless their orientation
- 25 sensitivity levels, 246 adjustable sensitivity steps at each, Preset NILECJ Sensitivity Program, - 10 Preset International Security Programs including ECAC STD1, ECAC STD2, ECAC STD3 -NIJ small-medium-large object
- Automatic Frequency Selection Feature
- Metal Density-Mass, Signal Strength Display at 10-level-VU meter with green, yellow, red LEDs easily allows sight from distance
- Superior Discrimination, Pin Point target location identification with Graphical zone display on Control Unit
- Auto Calibration (Automatically calibrates itself up to Environmental Conditions) No Set Up Changes necessary when relocated and/or new Magnetic Objects brought Near-By
- Human Health friendly Very Low Frequency VLF technology, No affects to Pace Makers, Pregnant and Magnetic Media
- Green/Red bicolour traffic through LEDs easily allows sight from distance 60 Persons/Minute and LED Alarm Indicators on side panel
- Record Statistics of Operation Duration, number of visitors and alarms
- Real Time Environmental Magnetic Noise Level Graphical Display
- 10 Adjustable audio tones with 10 volume levels (enabling Mute Operation) Adjustable Alarm Duration
- IR Protection Feature enabling perfect low false alarm free

- operation/ Continuous Detection Mode Selection Enabled
- IP 65 Protection Level (EN 60529)
- Five Digit Incoming/ Outgoing & Alarm Counters (Visible/Invisible)
- Interference free Operation from other Electronic Devices and Does Not affect other Electronic Equipments. Necessary filtering precautions have been taken
- Four-digit changeable digital Pin Code and Mechanical Lock
- Automatic Failure Display Function on GLCD with continuous self checking of key parameters (BITE - Built In test Equipment)
- Reloading the factory default settings by one-touch button
- Easy Programming and Display via High Resolution GLCD (Graphical Liquid Crystal Display)
- Different Menu Languages, Standard menu in English, German, Spanish, Turkish and Arabic (Optional Russian, Hebrew and Japanese... etc.)
- Relay output for recording CCTV, Photo Recording, controlling turnstiles, etc.
- Built-in Uninterruptible Power Supply (UPS) enabling 2 hours operation without mains
- Battery ON/OFF Feature enabling Operation Without Mains
- Easy-to-mount and assemble walk through metal detector (15 Minutes) Male/Female Socket-Connector Design
- Built for 7/24 Continuous Operation
- 74 cm Net Passage Width and 200 cm Net Passage Height
- Interference free Operation at Middle Level Sensitivity of 10 cm Distance Constant Metals and 150 cm distance Moving Metallic Objects
- Installation and Operation without interference between two detectors up to a distance of min. 5 cm
- Battery ON/OFF Feature to Enable Operation without mains
- Audio-Visual alarms are noticeable at a range of 4 meters
- Micro-Processor Settings do not change when there is an electricity cut-off
- No interference with Storage Media, Flash Memories, CD, Diskettes and other electronic devices
- Magnetic Field inside all passage area is 0.1 Gauss
- All Electronic Units (electronic unit, power supply, battery, adapter etc..) are inside the Equipment. No external units.
- 8 cm Height ABS Footers for sturdy placement and durable use.
- Operation Mode, Programming Parameters and Error Codes are Displayed on Wide 64x128 Characters GLCD Screen
- Records time and mass estimation of last 50 detected metals and accessible by GLCD
- Optional -SCADA Software-Controlled remote data communication and Networking of Multiple Metal Detectors; Software to Change settings by PC (Digital output RS422, RS232 or RS485)
- Optional REAL-TIME VIDEO PROSECUTION UNIT enabling recording of Alarmed Visitors Pictures/All Visitors pictures or video with Time-Stamp to SD Card ~30.000 Images
- Optional IRDA(Pilot) Remote Control Unit
- Detection functions have been tested with ECAC/NIJ/TSA Test Kits and Certified

### Technical Features:

- Weight: 61 kg
- Gross weight: 79 kg
- Ambient Temperature: -20°C to +70°C
- Operating voltage: 70VAC – 270VAC / 50Hz - 60Hz
- Power: 10W Stand By- 20W (Alarm)
- Net : 740x685x2000
- External: 850x685x2200 mm
- Package Dimensions (W x L x H):
- Box 1: 810 x 2350 x 210 mm. (65 kg)
- Box 2: 430 x 810 x 270 mm. (14 kg)

**ECAC**  
COMPLIANCE

Detects all threat objects described in ECAC Doc.30 (European Civil Aviation Conference)

**CERTIFIED SAFE**

IEEE C95.6-2002  
Human Exposure to  
Electromagnetic Fields

**ECAC Compliant Airport  
and Jailhouse Model**