

ThruScan® dX-X



Designed to detect weapons, knives and other metallic threat objects made of magnetic and non-magnetic metals carried on people.

International Norms (NILECJ-0602.02 L1-5/IP53/EN60950 Class1), In Conformity to CE and in Compliance with EN61000-6-3, EN61000-6-1 being produced under ISO 9001:2008 QMS. Conformity to ECAC(European Civil Aviation Conference) (Doc. 30) Latest Standards (TS 2418 EN 61010-1) Safety requirements for electrical equipment for measurement, control, and laboratory use (EN 61000-6.3) Emission standard for residential, commercial and light-industrial environments (EN 61000-6.2) Immunity for industrial environments, Compliance with IEEE C 95.1 IEEE Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 GHz Standard as per its Operation Frequency Limits

- Peculiar Elinno Design
- Can detect all ferromagnetic, paramagnetic and diamagnetic metals. Does not give alarm to human body when magnetic/non magnetic or metals and/or alloys not carried
- Auto Calibration (Automatically Calibrates itself to environment)
- Human Health friendly Very Low Frequency VLF technology, No affects to Pace Makers, Pregnant and Magnetic Media (Certified)
- 40 hrs Operation at 10% Alarm Ratio and 50 hrs Operation on Stand By with a single charge
- Complete Set with 9 V NiMH Rechargeable Battery, 220 V AC Charger, Belt Holder and Wrist Stripe
- Alarm Indication Modes can be; Visual LED Indication, Audio-Visual Indication and Vibration (Optional) • Earphone can be used for Silent Operation Mode. Earphone socket is a Standard Supply and the Earphone itself is Optional. Audio Alarms can be heard from earphone when used.
- 5 Level LED Vu-Meter Audio-Visual Alarm indications
- Sensitivity Adjustment with Visual LED Vu-Meter Display. When in operation, touch button membrane keys (Up/Down) are used to increase and decrease the sensitivity (1st LED lowest sensitivity, 5th LED highest sensitivity).
- Very low consumption Stand-By 4 mA, max 13 mA at alarm.
- Certified Safe for wearers of pace makers, Pregnant Women and Magnetic Storage Media
- No false alarms caused by another Hand-Held Metal Detectors in operation min. 1 m distance Efficient control at heel level searches, no interference from rebar inside concrete floor. Considering the reference detection surfaces, there will be no sound or light alarm for caused by the rebar at a height of 30cm.
- The dX-X does not give alarm for (1m±0,1m)x(1m±0,1m) size 0,75mm±0,13mm thick iron sheets at a distance of 50cm

Test Object

Test Object	Minimum Detection Distance
9 mm MKE Pistol	35 cm
AM 7 (NILECJ Metal)	27 cm
AN 7 (NILECJ Metal)	25 cm
2 EUR Coin	18 cm
Paper Blade (2x13 cm)	17 cm
9 mm Bullet (rifle)	15 cm
Razor	7 cm
Needle/Pin	5 cm

Minimum Detection Distance

- Audio Alarm Tone change as per the distance of the detected objects
- Produced with SMD Technology.
- Made of impact resistant robust ABS Material against drop and crashes
- Perfectly operates between -20°C and +70 °C at 95% non-condensed humidity
- Audio-Visual Low Battery Indication, 5 Level LED Vu-Meter Battery Level Display with Audio Indication. Battery can be changed by opening the battery compartment only. Battery can be charged easily without removing the battery using the charge adapter.
- Protective circuitry design against reverse connection of the battery.
- Battery can be replaced easily without using any tools.
- The HHMD has an ergonomic design enabling continuous use and easy handling with one hand only.
- Two detectors set to operate at maximum sensitivity levels does not interfere with each other at a distance of 50 cm
- Does not interfere with DECT phones, mobile phones, etc. devices
- Each equipment, has written Brand/Model Name and Serial Nr. information on it
- Each equipment is being provided with a Brochure, Warranty Card and User's Manual
- 2 Years Warranty and 10 Years Parts Supply Availability as per our "General Conditions of sales, Delivery & Warranty"

Technical Features:

• Weight	: ~ 420 gr.
• Gross Weight	: ~ 450 gr.
• Operation Voltage	: 9V – Alkaline or Ni-Mh Battery
• Current	: 4 mA Stand By- 13 mA Alarm
• Dimensions (H x W x L)	: 43 mm x 83 mm x 410 mm
• Operation Temperature	: -20°C - +70°C 95% non-condensed humidity
• Storage Temperature	: -30°C - +75°C

Optional Accessories:

- Vibration
- Spare Battery
- Earphone
- Customized Labeling
- Carry Bag
- Special Design enabling Interference free operation from Radio Frequency



CERTIFIED SAFE

IEEE C95.6-2002
Human Exposure to
Electromagnetic Fields

ThruScan® dX



(NSN/Nato Stock Number: 6665270414330 NCAE: T7012)
Product Code: 869755498122

Alarm : Audio (Earphone-Vibration Optional) Visual (5 Level LED Vu-Meter)
 Battery : 1 pcs 9V Ni-Mh 250 mAh (rechargeable and replaceable)
 Charge Period : First Charge ~15 hrs latter charges 10 hrs.
 Charger : Mains: 220V AC 50Hz - 12V DC 110mA
 Current : Stand by 5 mA, Alarm ~15 mA
 Battery Voltage Test : Battery Level Display on 5 Level LED Vu-Meter Display at Start Up.
 Uptime : Audio-Visual Low Battery Indication for below threshold operation levels.
 : 40 hrs Operation at 10% Alarm Ratio and 50 hrs Operation on Stand By with a single charge
 Weight : ~420 g
 Dimensions : 43 x 83 x 410 mm
 Operation Temperature : -20°C / + 70 °C (Can be improved on demand)
 Storage Temperature : -30°C / + 75 °C
 Material : ABS
 Standards : CE Compliance, EN61000-6-3, EN61000-6-1 (TS 2418 EN 61010-1)
 Warranty : 2 Years (10 Years Parts Supply Availability) as per our "General Conditions of Sales, Delivery & Warranty"
 Operation : Search Button Activation.
 Sensitivity Adjustment : When in Operation touch button membrane keys (Up/Down) are used to increase and decrease the sensitivity (1st LED lowest sensitivity, 5th LED highest sensitivity).

Test Object	Min.
9 mm MKE Pistol	17 cm
AM 7 (NILECJ Metal)	13 cm
AN 7 (NILECJ Metal)	12 cm
Paper Blade (2x13 cm)	10 cm
2 EUR Coin	9 cm
9 mm Bullet (rifle)	7 cm
Needle/Pin	2 cm

ThruScan®



Product Code: 869755498128

Alarm : Audio (Earphone-Vibration Optional) Visual LED indication
 Battery : 1 pcs 9V Ni-Mh 250 mAh (rechargeable and replaceable)
 Charge Period : First Charge ~15 hrs latter charges 10 hrs.
 Charger : Mains: 220V AC 50Hz - 12V DC 110mA
 Current : Stand by 3 mA
 Battery Voltage Test : Audio-Visual Low Battery Indication for threshold operation levels.
 Weight : ~420 g
 Dimensions : 43 x 83 x 410 mm
 Operation Temperature : -20°C / + 70 °C -- IP 53
 Storage Temperature : -30°C / + 75 °C
 Material : ABS
 Warranty : 2 Years (10 Years Parts Supply Availability) as per our "General Conditions of Sales, Delivery & Warranty"
 Operation : On/Off switch operation.

Test Object	Min.
Pistol Browning 14	17 cm
Pistol C2 Model 75B	15 cm
Paper Blade (18x100 mm)	6 cm
Copper Tube(6cm)	5 cm
9 mm Bullet(Pistol)	5 cm
Razor Blade	5 cm
Cable(2x1.5mm ² -30cm)	3 cm

Manufactured in compliance with
ECAC
Criteria

TSE
Safety and EMC Tests
CERTIFIED SAFE
IEEE C95.1-2005
Human Exposure to
Electromagnetic Fields

Note: Special design to prevent false alarm from walkie talkies (radio frequencies)

ThruSec®



Product Code: 90000000122

Alarm : Audio, Vibration (Earphone Optional) Visual LED indication
 Green LED indicates operation and red LED alarm - yellow LED Low Battery
 Battery : 1 pcs 9V Ni-Mh 250 mAh (rechargeable and replaceable) Optional
 Charge Period : First Charge ~15 hrs latter charges 10 hrs.
 Charger : Mains: 220V AC 50Hz - 12V DC 110mA
 Current : Stand by 11 mA
 Weight : ~375 g
 Dimensions : 43 x 85 x 415 mm
 Operation Temperature : -10°C / + 45 °C
 Storage Temperature : -20°C / + 55 °C
 Material : ABS
 Warranty : 1 Year (7 Years Parts Supply Availability) as per our "General Conditions of Sales, Delivery & Warranty"
 Operation : On/Off switch operation.