

# Garrett PD 6500i®

Enhanced Pinpoint Walk-Through Metal Detector

Made in the USA 

## Multi-brand compatibility

Can be added to existing checkpoints without having to replace other brand units. Includes multiple channels and 2,300 selectable operating frequencies.

## Optimum Performance

More than 20 standard program settings scientifically engineered to address the needs of airports, courthouses, prisons, schools, facilities, special events, mass transit, loss prevention, and other applications.



## Pacing lights

Universal "wait" and "proceed" symbols at the detector entrance for traffic controls.

## Advanced networking (optional)

Manage walkthroughs individually or as groups and perform statistical analysis via network with CMA interface module. Supervisors can remotely access controls, visual alarms and statistics.


## Directional counter

Four settings for counting patrons: forward only, reverse only, subtract in reverse, and bidirectional.

## PD 6500i™

Walk-Through Metal Detector

U.S. / INTERNATIONAL

(shown) Gray  PN 1168414 / 1168424\*



## ★ Advanced broadband technology

Analyzes targets across a broad range of frequencies for greater accuracy. Provides superior ferrous and non-ferrous detection. Improved discrimination means fewer false alarms and higher throughput.

## ★ More accurate pinpointing

With more than four times the detection coils of competitive models, the PD 6500i provides uniform detection and precise pinpointing. Independent zone indicator lights on both side panels identify not only height but also left, center and right locations for one or more objects passing through the archway.

## ★ Dual-sided detection

This unique bilateral technology has transmitters and receivers in each side panel to allow scanning from both sides, resulting in uniform detection throughout the archway. It also provides superior noise cancellation resulting in easier setup (i.e. no need to rotate the unit to avoid interference from nearby equipment such as other metal detectors or x-ray machines).

## Superior versatility

Menu based settings for feature selection such as alarm indication, count method, and language without the use of a computer. Field programmable to allow system upgrades. Multiple units can be installed as close as 2 inches.

## International security standards

PD 6500i meets the world's highest test certifications, including the following international airports:



OPTIONAL accessory items for the PD 6500i can be seen at [www.garrett.com](http://www.garrett.com).

\* Includes Euro Plug.

## Tamper-proof

All settings are secured with a key lock and two levels of access codes. Further security is accomplished with a cabinet lock that prevents unauthorized access to physical cables, connectors and electronics.

## Easy assembly

The PD 6500i's modular design allows for a quick and simple assembly of its four (4) sub assemblies using only eight (8) screws and three (3) internal cable connections.

## Digital Signal Processor (DSP) based technology

DSP provides greater sensitivity, noise immunity, discrimination, detection uniformity, and overall product reliability.

**Regulatory Information:** The PD 6500i meets U.S. and international regulatory requirements for electromagnetic safety. Extensive research has found no information that would indicate Garrett products have adverse effects on pregnancy, medical devices (such as pacemakers) or magnetic recording media. However, directives by physicians and medical device manufacturers regarding metal detectors should be followed. 1554400 REV L, July 2016 © 2016 Garrett Electronics, Inc.



# Garrett PD 6500i™

Enhanced Pinpoint Walk-Through Metal Detector

## Meets the world's highest test certifications

Garrett's PD 6500i is an industry leader with superior pinpoint technology and unmatched discrimination features. This detector has proven its effectiveness at moving high volumes of patrons through such events such as the Olympic Games, World Cup 2010 South Africa, and the Pan-American Games in Mexico.

The PD 6500i has also been trusted to safeguard international airports, hotels, government buildings, and correctional facilities. With its advanced networking and ability to pinpoint targets in 33 detection zones, the PD 6500i is the walk-through of choice for security professionals worldwide.



Beige  
U.S. / INTERNATIONAL  
PN 1168411 / 1168421\*



Standard Programs	Over 20 application programs included
Sensitivity	Up to 200 distinct sensitivity levels
Zone Indications	33 independent zones
Overhead Control Unit	All electronics—LCD, alarm light, LED bar graph, control touch pads—integrated to eliminate wire exposure.
Tamper-Proof Settings	Three access levels of security clearance
Self Diagnostic Program	Complete and automatic
Zone Sensitivity Boost	Adjustable in six areas
Battery Pack (optional)	10-hour or 30-hour backup available
Warranty	24 months, Limited Parts/Labor
Passageway Interior Size	Width 30" (0.76 m) Height 80" (2.03 m) Depth 23" (0.58 m)
Overall Exterior Size	Width 35" (0.90 m) Height 87" (2.21 m) Depth 23" (0.58 m)
Shipping Size	Width 35.5" (0.90 m) Height 91.5" (2.32 m) Depth 6.25" (.16 m)
Shipping Weight	165 lbs. (74 kg)
Temperatures	Operating: -4° F (-20° C) to +149° F (65° C) Humidity to 95% non-condensing Storage: -40° F (-40° C) to 158° F (70° C)
Power	Fully automatic 100 to 240 VAC, 50 or 60 Hertz, 45 watts; no rewiring, switching or adjustments needed.
Regulatory Information	Meets international airport standards such as TSA, ECAC, STAC, AENA, CJAC, DFT. Meets additional standards and requirements such as USMS, NJ-0601.02, NILECJ. Meets Electrical Safety and Compatibility Requirements for CE, FCC, CSA, IEC, ICNIRP, IEEE.
Weatherproofing	Meets IP 55, IP 65, IEC 529 Standard for moisture, foreign matter protection
Construction	Attractive scratch and mar-resistant laminate. Detection Heads and Support: heavy duty aluminum.
Control Outputs	Solid state switches (low voltage AC or DC) for operating external alarms and control devices.
Remote Control (optional)	Desktop Remote Control with Zone Indication and/or via network with CMA Interface Module.
Networking (optional)	Manage individual or groups of walkthroughs and perform statistical analysis of throughput.
Alarm Indicators/Random Alarm Feature	33 zones, volume-adjustable audible tone, bright LED visual and remote alarms. Random alarm feature; adjustable from 0 to 50 percent.

PD 6500i is an "Approved Product for Homeland Security" under the SAFETY Act.



## PD 6500i™

Walk-Through Metal Detector

U.S.A. / International	Description	Color
1168414 / 1168424*	PD 6500i 30" IP 55	Gray
1168411 / 1168421*	PD 6500i 30" IP 55	Beige
1168418 / 1168425*	PD 6500i 30" IP 65	Gray
1168417 / 1168423*	PD 6500i 30" IP 65	Beige
1168416 / 1168426*	PD 6500i EZL† IP 55	Gray
1168412 / 1168422*	PD 6500i EZL† IP 55	Beige
1168432 / 1168427*	PD 6500i 32.5*** IP 55/ IP 65	Gray
1168433 / 1168429*	PD 6500i 32.5*** IP 55/ IP 65	Beige

Other options available.

\* Supplied with Euro plug.

† EZL—Standard 30" clearance with zone lights on both the entry and exit sides, allowing the operator to view the alarmed object from any position.

\*\* 32" ADA-compliant passageway



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Garland, TX 75042  
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Made in the USA



**Brand :: UNIQSCAN, MODEL:UB500-06 :: 6 zones standard :: Origin :: CHINA**

#### **PARAMETERS**

Power Supply:AC85V-264V Working temperature:-20°C--+50°C Working Frequency :4KHZ—8KHZ

Standard External size: 2200mm(H)X800mm(W)X580mm(D) Standard Internal size: 2010mm(H)X700mm(W)X500mm(D) Package size for door panels: 2260\*650\*260mm \*1ctn Package size for control unit: 780\*390\*250 mm\*1ctn

Gross weight: 70KG

#### **CHARACTERISTIC & FUNCTION**

- **6 mutual over-lapping detecting zones**, Simultaneous alarm from multi- zones;
- **Sensitivity adjustable**: Each zone has 100 sensitivity level
- **Sound & LED alarm**: Both Side LED indicator , easily show where the metal is.
- **Automatically count passengers and alarm times**
- **Alarm strength indicator on control panel**
- **Password protection**, only the authorized person can operate.
- **Easy assembly**: designed with only 2 pieces cables and 8 screws, simply-to-follow instruction.
- **Harmless to human body**: is harmless with heart pacemaker, pregnant women, magnetic floppy, recording tapes
- **Using high density fireproof material**
- **Program Self-diagnostic when power on, no need initial or periodic calibration**
- **Modularization design**, easy for maintenance and replacement.
- Sensitivity Test piece: One yuan Coin, omnidirectional detection
- 4 hours backup battery

#### **Application**

Exhibition center, Electronic Factory, Bank, Prison, Government office, Hotel etc.

**Brand :: UNIQSCAN, MODEL:UB500-18 :: 18 zones standard :: ORIGIN :: CHINA,**

#### **PARAMETERS**

Power Supply:AC85V-264V Working temperature:-20°C--+50°C Working Frequency :4KHZ—8KHZ

Standard External size: 2200mm(H)X800mm(W)X580mm(D) Standard Internal size: 2010mm(H)X700mm(W)X500mm(D) Package size for door panels: 2260\*650\*260mm \*1ctn Package size for control unit: 780\*390\*250 mm\*1ctn

Gross weight: 70KG

## CHARACTERISTIC & FUNCTION

- **18 mutual over-lapping detecting zones**, Simultaneous alarm from multi- zones;
- **Sensitivity adjustable**: Each zone has 100 sensitivity level
- **Sound & LED alarm**: Both Side LED indicator , easily show where the metal is.
- **Automatically count passengers and alarm times**
- **Alarm strength indicator on control panel**
- **Password protection**, only the authorized person can operate.
- **Easy assembly: designed with only 2 pieces cables and 8 screws, simply-to-follow instruction.**
- **Harmless to human body**: is harmless with heart pacemaker, pregnant women, magnetic floppy, recording tapes ➤ **Using high density fireproof material**
- **Program Self-diagnostic when power on, no need initial or periodic calibration**
- **Modularization design**, easy for maintenance and replacement.
- Sensitivity Test piece: One yuan Coin, omnidirectional detection
- **4 hours backup battery**

## Application

Exhibition center, Electronic Factory, Bank, Prison, Government office, Hotel etc.

## Brand : Elektral , Model : ThruscanS6, ORIGIN: Turkey.

Conforms to European Norms and in Compliance with NILECJ-0601.00 L1-5 Standard and produced under ISO 9001: 2008 QMS Certified Safe regarding Electromagnetic Field-EMC, IP Protection Levels, International Health and Safety Norms

No Set Up Change is Necessary regarding Winter/Summer Seasonal Adjustments

Resistant to Vibration & Impact

Capable to Detect both Ferrous and Non-Ferrous Metallic Objects Considered Dangerous by International Security Authorities.

Can detect test objects both individually and in combination.

Give Alarm to all threat objects detected at different Alarm Zones.

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

ThruScan/s3 Multi-Zone - 3 Detection Zones Vertical (Left/Middle/Right)

ThruScan/s6 Multi-Zone - 6 Detection Zones Matrix (Up/Middle/Down and Left/Right)

Homogeneous Magnetic Field - No Dead Points - Same Detection Capability from bottom to top

10 sensitivity levels, 246 adjustable sensitivity steps at each 1 standard preset international program

Auto Calibration (Automatically calibrates itself up to Environmental Conditions) No Set Up Changes necessary when relocated and/or new Magnetic Objects are placed close by

Human Health friendly Very Low Frequency VLF technology. No affects to Pace Makers, Pregnant and Magnetic Media Green/Red bicolor traffic through LEDs easily allows sight from distance 30 Persons/Minute

Superior Discrimination, Precise target location identification / Graphic zone display on Control Unit

Metal Density-Mass, Signal Strength Display at 10-level-VU meter with green, yellow, red LEDs easily allows sight from distance

Digital Environment magnetic noise level and visual detection and Error Code Display on Wide 4x20 Characters LCD Screen

Adjustable audio alarm at 10 tons/level or Soundless (Mute) operation.

Five Digit Incoming Counter (can be made Invisible)

Alarm Counter separately (5 digit)

IR Pass Sensor On / Off selection

Four-digit changeable digital Pin Code

Automatic Failure Display with Continuous Self-Checking of Key Parameters. (BITE - Built-in Test Equipment)

Reloading the factory default settings by one-touch button

Easy programming and monitoring with wide LCD display

4 Menu Languages, Standard menu in English, German, Spanish and Turkish

Relay output for recording CCTV, Photo Taken-Recording, controlling turnstiles, etc.

OPTIONAL -Uninterruptible Power Supply (UPS) enabling 2 hours operation without mains

No seasonal adjustment requirement thanks to its Digital Electronic System (DSP)

Easy-to-mount and assemble walk through metal detector (15 Minutes) Male/Female Socket-Connector Design

IP 20 Protection Level - IP 65 Optional (EN 60529)

Manufactured 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 200 cm distance Moving Metallic Objects

Audio-Visual alarms are noticeable at a range of 2 meters- Micro-Processor Settings does not change when there is an electricity cut-off

Floor Fixing Corrosion Resistant Metal Footers for proper assembly and durable use.

In conformity to CE, 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)

Technical Features:

Ambient Temperature: -20°C to +70°C

Operating voltage: 70 VAC – 270VAC / 50Hz - 60Hz

Power: 10W Stand by- 20W (Alarm)

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Package Dimensions (W x L x H):

Box 1: 81 x 234 x 21 cm

Box 2: 25 x 80 x 26 cm

Gross Weight: 73 Kg

Net Weight: 58 Kg

2 Years Warranty and 10 Years Parts Supply Availability as per our “General Conditions of sales, Delivery & Warranty”