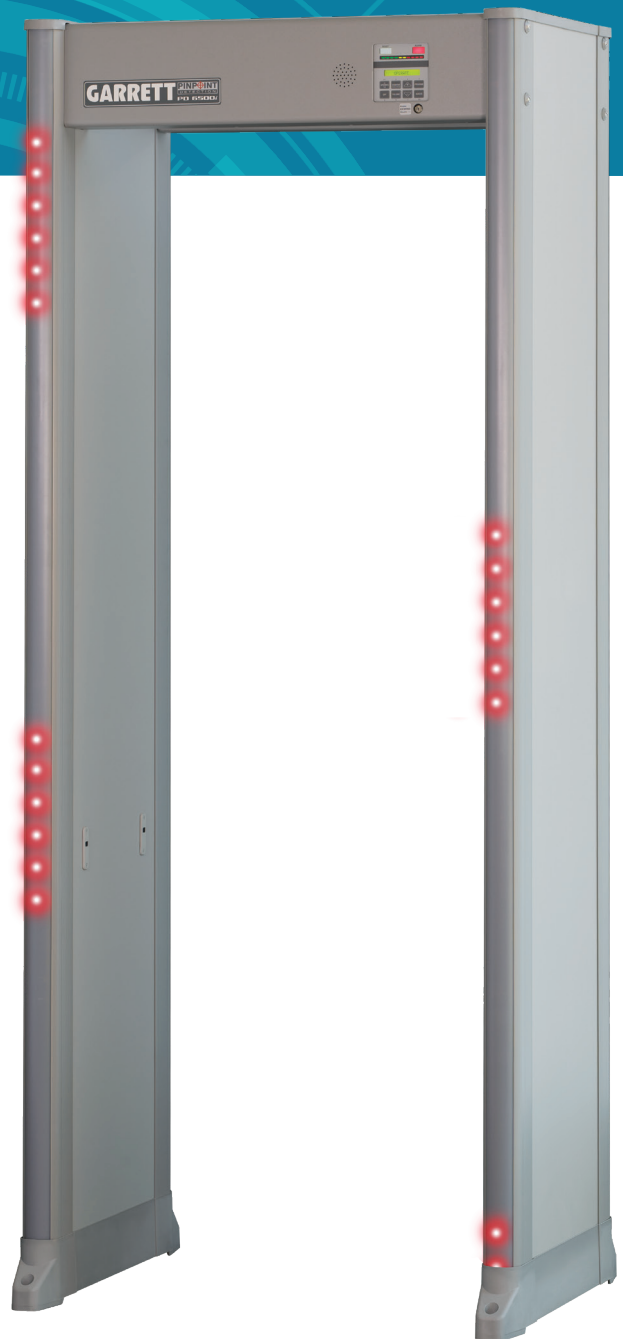


GARRETT®



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 events such as the Olympic Games, the 2010 FIFA World Cup South Africa™, and the 2011 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 walkthrough of choice for security professionals worldwide.



Meets certifications:



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) Technology

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

PD 6500i Advantage

Bilateral 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).

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.

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.

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.

Directional Counter

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

Pacing Lights

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

Part No.	PD 6500i Accessories
2225420	Lithium Battery Module, 14Ah
1171200	I/O Relay Module
1171600	iC Module (Wireless & Wired)
1169500	IR Remote Control
1171100	Desktop Remote Control
1169101	Caster System
1604101	Adhesive Floor Mount Kit
1169800	Wireless Sync SM100

Standard Programs	Over 20 application programs included
Sensitivity	Up to 200 distinct sensitivity levels
Optics	3 infrared
Zone Indications	33 independent zones
Overhead Control Unit	All electronics—LCD, alarm light, LED bar graph, control touchpads—integrated to eliminate wire exposure
Tamper-Proof Settings	Three access levels of security clearance
Self-Diagnostic Program	Complete and automatic
Calibration	Automatic and manual calibration
Initialization Time	1 second
Zone Sensitivity Boost	Adjustable in six areas
Maximum Pass-Through Speed	15 m/sec
Battery Pack (optional)	10-hour (additional backup available upon request)
Warranty	36 months, limited parts/labor
Passageway Interior Size	Width 30" (0.76 m) ADA Width 32.5" (0.83 m) Height 80" (2.03 m) Depth 23" (0.58 m)
Overall Exterior Size	Width 35" (0.90 m) ADA Width 37.5" (0.95 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	Max 175 lbs (79.4 kg)
Temperatures	Operating: -4° F (-20° C) to +149° F (65° C) Humidity to 95% non-condensing Storage: -22° F (-30° C) to 176° F (80° 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, DHS, ECAC, STAC, AENA, DfT. Meets additional standards and requirements, such as USMS, NIJ-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. Immunity to electrical interference, ambient noise and mechanical vibrations
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 iC Module
Networking (optional)	Manage individual or groups of walkthroughs and perform statistical analysis of throughput with iC Module

Part No.

	Model/Clearance
1168414	Standard 30" IP55
1168418	Standard 30" IP65
1168416	EZL* IP55
1168432	32.5"** IP55

** 32.5" ADA-compliant passageway



PD 6500i Walk-Through Metal Detector

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