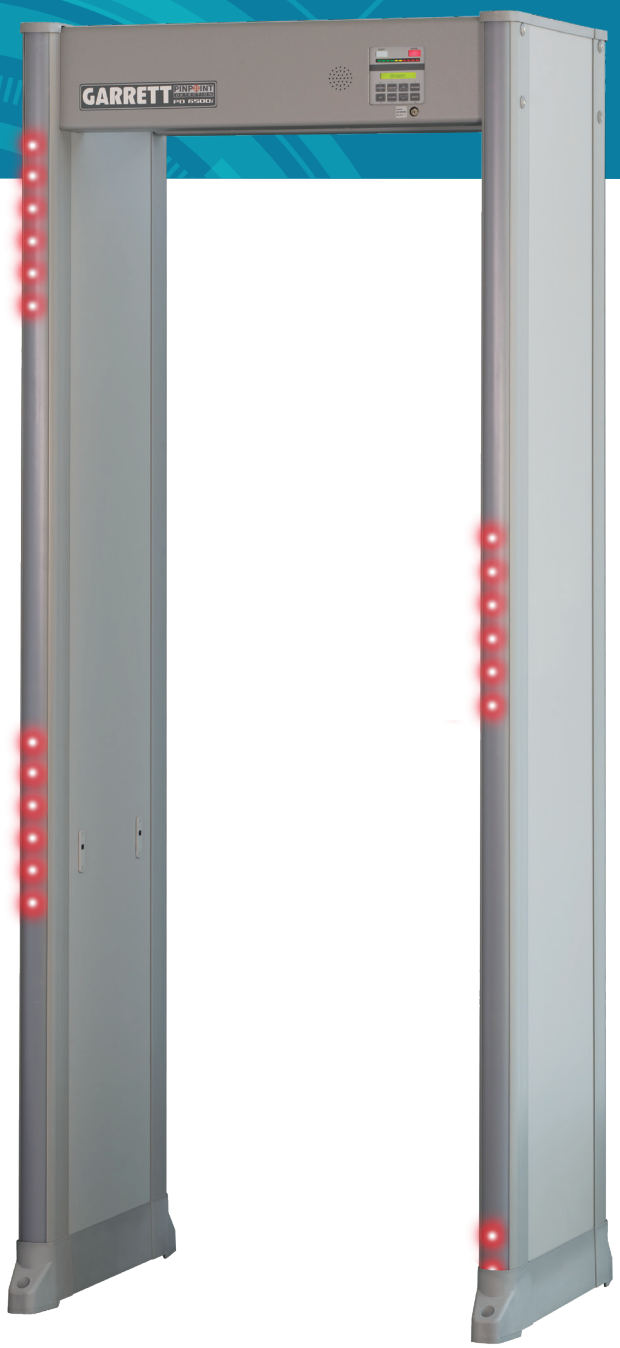
GARRETT®



PD 6500i PINPOINT DETECTION

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.

Meets certifications:

TSA	DHS	ECAC	STAC	Aena	CJIAC	DfT
(U.S. airports)	*Safety ACT Certificate*	*(European airports)*	*(French airports)*	*(Spanish airports)*	*(Japanese airports)*	*(U.K. airports)*

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.

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, 14AHr
1171200	I/O Relay Module
1171600	iC Module (Wirless & 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 touch pads—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	15m/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) 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: -4º F (-20º C) to +149º F (65º C) Humidity to 95% non-condensing Storage: -22º F (-30º C) to 176º F (80º 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, CJIAC, 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. USA/International	Model/Clearance	
1168414/1168424*	Standard 30"	IP55
1168418/1168425*	Standard 30"	IP65
1168416/1168426*	EZL†	IP55
1168432/1168427*	32.5"**	IP55

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

ADA COMPLIANT

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