

Features and Specifications

Walk-Through Metal Detectors	Multi Zone	PD 6500i	Paragon
Paragon™ Exclusive			
Ambiscan Anti-Fatigue - two different sensitivities; one for entrance, one for exit			✓
Ambiscan Protect & Prevent - two different programs; one for entrance, one for exit			✓
Crosspiece storage compartment for charging Hand Held Detectors offline			✓
Curved Detection Head and Crosspiece for Reduced Visual Profile			✓
Entrance overhead LED beacon light			✓
IP55, IP65 IEC standard (Degrees of protection standards by enclosures IEC 529)			✓
Minimum 66 Detection Zones for pinpoint Accuracy and Expedited Search			✓
NFC Wireless Chip Card capability w/internal Security Features			✓
Smooth and Sleek Construction Aesthetic			✓
Time of Flight (ToF) Motion Sense technology for Directional Counting			✓
Wireless, touchless access to Administrator and Supervisor levels w/NFC chip card			✓
Wireless, touchless Auto-Setup capability for Multiple walk-through clusters w/NFC chip card			✓
Wireless, touchless Presets for Programs, Sensitivities and Zone Boosts w/NFC chip card			✓
Wireless, touchless Wellness Check self-test w/NFC chip card			✓
Detection			
200 Steps of adjustable Sensitivity Settings (for precise control setting)	✓	✓	✓
2300 Operating Frequencies to Eliminate Interference	✓	✓	✓
A minimum of 6 adjustable zones	✓	✓	✓

<i>Features Continued</i>	Multi Zone	PD 6500i	Paragon
Bilateral Screening for Field Uniformity Throughput Detector Archway Providing Equal Detection Capabilities for Floor Level Screening		✓	✓
Broadband Detection Technology (Advanced detection and discrimination)	✓	✓	✓
Detection of Magnetic (Ferrous), Non-magnetic (non-ferrous) and Mixed Alloy Metals (Ferrous and non-ferrous)	✓	✓	✓
Discrimination of Innocuous Items (Jewelry, Coins, etc.)	✓	✓	✓
Dual Transmit and Receive in both panels (detection uniformity and dual-sided analysis, same as having two detectors in one unit)		✓	✓
High Through-put rate (Processes 60 people per minute)	✓	✓	✓
Independent Zone Sensitivity adjustments	✓	✓	✓
Microprocessor and DSP Controlled	✓	✓	✓
Minimum 33 Detection Zones for pinpoint Accuracy and Expedited Search		✓	✓
Multiple Target/Weapon Detection	✓	✓	✓
Pin-Point Targets on the Left/Right/Center from Head to Toe using Independent LED Indicators on both panels.		✓	✓
Target Analysis across wide frequency range to ensure accuracy and prevent metal masking.	✓	✓	✓

Accessibility

Audible and Visible Alarm Signals	✓	✓	✓
Battery % Capacity Indicator	✓	✓	✓
Green ready light indication	✓	✓	✓
IR Remote Control	✓	✓	✓
Multiple Languages	✓	✓	✓
One-Touch Manual Self-Test	✓	✓	✓
Pacing lights (International Stop and Go Symbols on Entrance Side)	✓	✓	✓
USB Software Upgrade Capability		✓	✓

Mobility

Battery Back Up (10 hrs.) internally mounted	✓	✓	✓
Excellent Resistance to Environment Interference	✓	✓	✓
Integrated BBU Emergency Power	✓		✓
Low Profile Caster System for Portability	✓	✓	✓

Product Security

Anti-Vandalism design with no external cables or wires (standard design feature)	✓	✓	✓
Power Supply Mounted within Electronics Housing at the top of the archway for Safety reasons. No external power supplies allowed	✓	✓	✓
Protected Programming Level Access Codes (Administrator and User)	✓	✓	✓

Integration

Ability to easily compensate to nearby Competitor Units	✓	✓	✓
Multiple Units able to Operate in Close Proximity (i.e. in direct contact)	✓	✓	✓
No need to rotate unit around to ensure TX and RX panels are correctly oriented		✓	✓
Selectable Video Monitor Filtering	✓	✓	✓
TX Adjustment to Accommodate Various Configuration Requirements (Multi-brand Compatibility)	✓	✓	✓
Wireless & Ethernet Network Module for remote monitoring operation	✓	✓	✓

Other

3 Programmable Presets	✓	✓	✓
Directional Counting: FWD ONLY, REV ONLY, SUB REV, BIDIRECT	✓	✓	✓
Minimum 23 Standard Preloaded Programs to Accommodate any Security Level Requirement (Key card not required)		✓	✓
Random Alarm on Alarm Setting	✓	✓	✓
Random Alarm Setting	✓	✓	✓
Supervisor and Administrator Statistics (Count number of patrons, number of Alarms, and calculate the Alarm Percentage)	✓	✓	✓

Specifications

Flat Panel Design	✓	✓	✓
Fully Automatic 100 to 240 VAC, 50 or 60 Hertz: no rewiring, switching or adjustments required.	✓	✓	✓

<i>Specifications Continued</i>	Multi Zone	PD 6500i	Paragon
IP55, IP65 IEC option (Degrees of protection standards by enclosures IEC 529)	✓	✓	✓
Maximum overall Exterior Width 35" (0.9m), Height 87" (2.2m), Depth 23" (0.58m)	✓	✓	✓
Maximum Weight 155 lbs. (70 kg)	✓		
Operating Temperature: minimum -20°C to 70°C, with up to 95% relative humidity		✓	
Standard Passageway Interior Width 30" (0.76m), Height 80" (2m), Depth 23" (0.58m)	✓	✓	✓

Certifications and Safety Standards

ASTM Compliance	✓	✓	✓
CE Compliance (Electrical Safety Standards)	✓	✓	✓
Certificate of Origin: Made in the United States	✓	✓	✓
Conforms with European Commission (EC) Regulations and International Standards	✓	✓	✓
CSA Compliance (Electrical Safety Standards)	✓	✓	✓
FCC Compliance (Electromagnetic Compatibility)	✓	✓	✓
ICNRP Compliance (Magnetic Field Safety)	✓	✓	✓
RoHS Compliance (Hazardous Material Standards)	✓	✓	✓
RPB-SC-18 Compliance (Safe for Medical Implants, Pregnant Women, and all Magnetic Media)	✓	✓	✓

Airport Certifications *(Paragon designed to meet, certifications may be pending)*

AENA (Spanish Airports)		✓	✓
CJIAC (Japanese Airports)		✓	✓
DFT (UK Airports)		✓	✓
ECAC Std 2.1 (EU Airports)		✓	✓
STAC (French Airports)		✓	✓
TSA (U.S Airports)		✓	

