FMD Pro 2.0

Ferrous **Metal Detector** and Smartphone Detector

WARRANTY
5 YEARS
WARRANTY

Overview

The Ferrous Metal Detector and Smart Phone detector (FMD Pro. 2.0) is a state-of-the-art security screening solution designed to detect metallic objects carried or concealed on individuals as they pass by. FMD Pro 2.0 has a lightweight design with wheels, making it portable. The FMD Pro 2.0 is equipped with advanced detection technology, along with IPX5 rating (water resistance), 28 hours of operating battery power, and a user-friendly interface, making it ideal for indoor event venues, outdoor events venues, schools, school sporting events, warehouse environment, high-security environments, government, and commercial buildings.

Features

- Detects smartphones (switch ON/OFF mode), smartwatches, and ferrous contra-band
- Strong anti-Interference abilities.
- Microprocessor technology supports. a high throughput rate with 35. people per minute
- Accurate Three-zones detection, maximum detection distance up to 47" (1193.8mm)
- 100 adjustable sensitivity levels for each detection zone
- Highly secure as no radiation emitted, safe for pregnant women and people with implanted pacemakers
- Embedded rechargeable battery supports up to 28 operating hours
- Waterproof with protection level IPX5
- Easily portable and quick to assemble
- Standard with wheels and fixed legs
- Relay connected cable provides NO/NC relay contact

Specifications

Model	FMD Pro 2.0
Maximum Detection Distance	47" (1193.8mm)
Detection Radius	Up to 30" (762mm)
Average Throughput Rate	35 people/minute
Sensitivity Level	100
Alarm Zone	3 zones
Touch Screen Size	3.5 inches
Alarm Volume	1 to 10 Levels
Alarm Ring	6 Types (selectable)
Input Voltage	15V
Embedded Rechargeable Battery	8Hrs to fully charge; Supports 28Hrs of operation
Battery Capacity	10000mAh
Operating Current	260mA
Operating Power	3.9W
Housing Material	Aluminum Alloy
Protection Level	IPX5
Operating Temperature	14°F (-10℃) to 122°F (50℃)
Storage Temperature	-31°F (-70℃) to 122 °F (70℃)
Operating Humidity	0%RH to 95%RH (non-condensing)
Dimension(L*W*H)	L-14¼" (360.6mm)*W-15" (380mm)*H-77½" (1969.4mm)
Dimension with Packing(L*W*H)	L-18½" (470mm)*W-18" (545mm)*H-93¾" (2380mm)
Net Weight	35¼lbs (16kg)
Weight with Packing	90½lbs (41kg)
Certification(s)	CE FCC
Communication	TCP/IP,WiFi

Testing Data Sheet

Measurement by inches

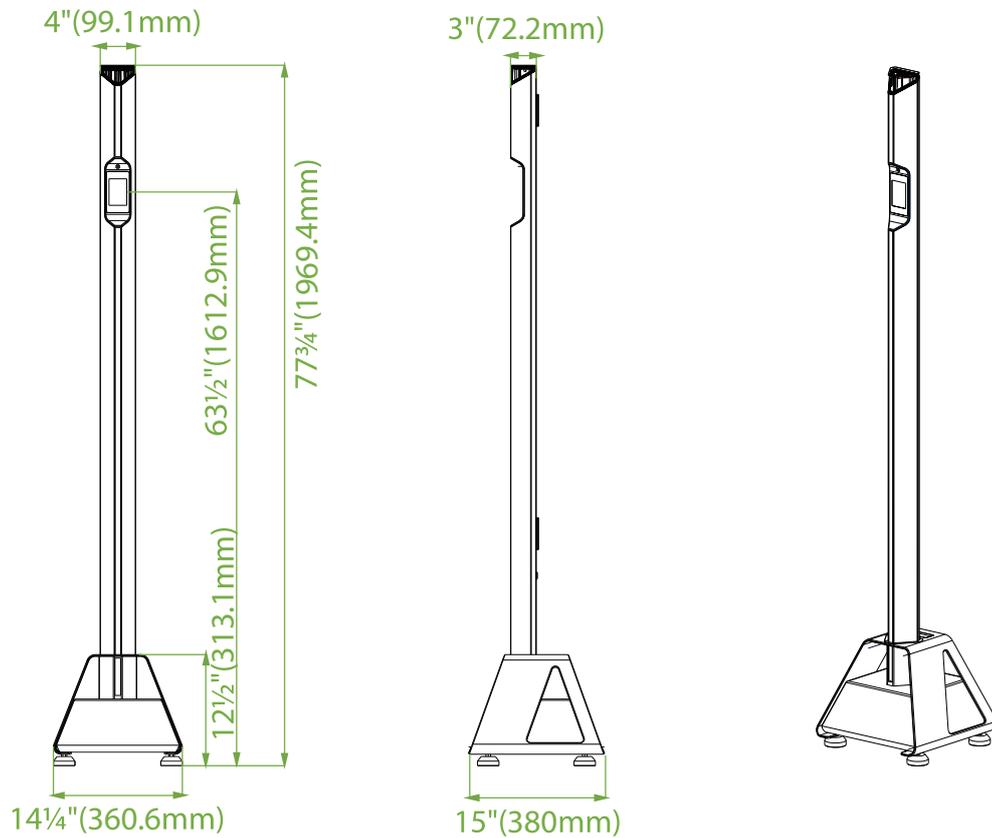| Item	Picture	Specifications/inch	Detection percent
Inert firearms assembled (Glock 21- 45 Cal)		L: 7.56 W: 1.28 H: 5.51	100%
Inert firearms assembled (NIJ - simulated 38 Cal)		L: 4.50 W: 0.75 H: 2.50	99%
Folding lock back utility knife (4"x3/8")		L: 4.00 W: 0.50 H: 1.75	100%
Paring knife (4")		L: 4.00 W: 0.88 H: 1.00	100%

Item	Picture	Specifications/inch	Detection percent
Serrated knife (5")		L: 5.00 W: 0.88 H: 1.00	100%
Chef's Knife - Large (8")		L: 8.00 W: 0.88 H: 1.75	100%
Cell Phone (iPhone 11)		L: 5.75 W: 3.00 H: 0.50	100%

Device Setting: Sensitivity setting - High; Sensitivity Zone 1 - 85; Sensitivity Zone 2 - 75; Sensitivity Zone 3 - 75; Lane width(2 units) - 47" (1193.8mm)
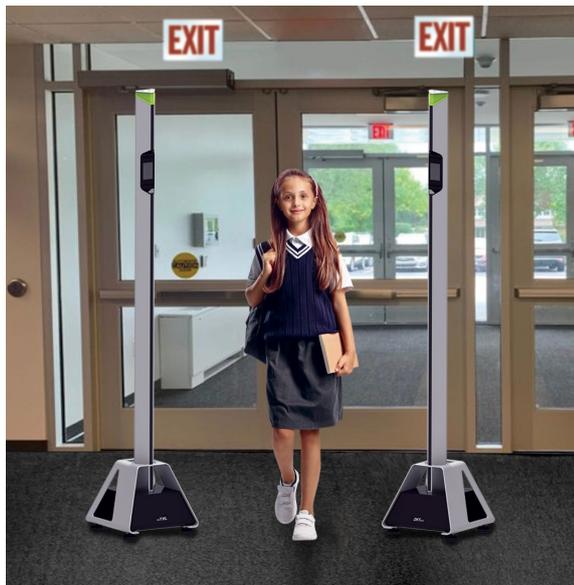
Certifications

FC C   CE   IPX5 RATING

Dimensions

4"(99.1mm)

3"(72.2mm)

63½"(1612.9mm)

77¾"(1969.4mm)

12½"(313.1mm)

14¼"(360.6mm)

15"(380mm)

*inches are rounded to the nearest ¼"

Typical Application