METAL DOOR DETECTORS & X-RAY BAGGAGE SCANNERS
FEATURES

1. 6 Pinpoint zones to precisely identify multiple target locations from head to toe and pinpoint the location of the metal object.
2. Sensitivity Levels are adjustable from 0 to 99 (100 levels)
   i. High: Can detect something as small as a pin.
   ii. Low: Targeted objects, such as guns and knives, are consistently and accurately detected, while personal items such as keys, coins, belt buckles and eyeglasses can pass through without causing an alarm.
3. Shock proof to avoid false alarm.
5. Alarm Mode: Sound-optical alarm. LED Monitor embedded at both sides of the gate columns can accurately indicate the prohibited articles which are hidden at some place in the human body.
6. Harmless to human body - harmless to pregnant woman and people with heart pacemakers.
7. Statistic Function - It can count the number of passengers and the number of alarms.
8. Max distance between two walk-through detectors: 0.3 meters at low sensitivity; 0.5 meters at high sensitivity.
9. Perfect weatherproof design for outdoor use. (Applicable only for MDD408)
10. Easy to install and simple to operate.

TECHNICAL PARAMETERS

- Working Frequency: Can be adjusted at the time of installation
- Power Consumption: 35W
- Working Environment: -20°C ~ 45°C
- External Power: 110V ~ 230V  50/60 Hz
- Gross Weight: Approx. 65 Kg
- Net Weight: Approx. 55 Kg

DIMENSIONS

- Overall Outer Dimensions: 2200mm(H) * 820mm(W) * 500mm(D)
- Passage-way Interior Dimensions: 2000mm(H) * 700mm(W) * 500mm(D)
MDD108
Base Model
Indoor Use
No light on door frame for alarm.

MDD208
LED Display
Indoor Use

MDD408
LED Display
Outdoor Use
MINI HAND HELD METAL DETECTOR

MDD1106
is designed to meet the exact requirements of the security industry especially check points. Typical applications will include body search for offensive weapons in crowd control, airport and border security, checking bags, parcels and letters for metal objects and anywhere that hidden metal needs to be detected. On detecting metal objects the detector will raise an alarm or vibrate.

FEATURES
1. High Sensitivity: It can detect even a pin accurately.
2. Two Warning Mode: Sound & light alarm and Vibration Alarm.
3. Low Power Consumption: Uses a standard 9V alkaline battery which can last for more than 20 hrs.
5. It can be operated conveniently and applied in a wide range of uses.

TECHNICAL PARAMETERS
Power: 9V alkaline battery, rechargeable battery
Working Current: Quiescent current= 4mA Warning= 20mA
Working Temperature: -20°C ~ 50°C
Net Weight: 450g
Dimensions: 410mm(H) * 85mm(W) * 45mm(D)
Visual Indicator: Red/ Green LED

All units are in millimeters (mm)
**X-RAY GENERATOR**
- **Beam Direction:** Light from bottom
- **Tube Current:** 0.4-0.5 mA (adjustable)
- **Tube Voltage:** 80 KV (adjustable)
- **Spread Angle of the Ray Beam:** 80° (60° in MXBS5030A)
- **Cooling/Work Cycle:** Sealed oil cooling/100%

**IMAGE PROCESSING SYSTEM**
- **X-Ray Sensor:** L Photoelectric Diode Array Detector (Multi-Energy), 12Bit Depth; L Photoelectric Diode Array Detector (Single-Energy) for MXBS5030A.
- **Display:** High Resolution 17” LCD Display.
- **Color Image Display:** 24 Bits True Color Display.
- **Edge Enhancement:** The edges of the image are enhanced and become clearer.
- **Super Image Enhancement:** Image details are more distinct.
- **High Penetration Show:** Increases the contrast of the bright area in the image to make the area that is easy to penetrate appear more clearly.
- **Low Penetration Show:** Increases the contrast of dark area in the image to make the difficult-to-penetrate area appear more clearly.
- **Magnifier:** Local Amplification Function.
- **Brightening/Dimming:** Increase the brightness of the image/ Reduce the brightness of the image.
- **Image Recurrence:** Displays the previous images and processes any one of them.
- **Image Storage:** Stores any image in real time and processes it in operation status.
- **Multi Energy Color:** Can easily identify material and categorize it based on the arrangement: organic material (orange), inorganic (blue), mixture and lighter metal (green). (Not applicable in MXBS5030A)
- **High Energy/ Low Energy:** Two kinds of energy switch. (Not applicable in MXBS5030A)
- **Drug & Explosive Auxiliary Detection:** Helps in detection of drugs & explosives and other dangerous articles. (Not applicable in MXBS5030A)
- **Alarm Notification (Sound & Light Alarm):** Sends alarm notifications (audio and visual) on the monitor screen on detection of sharp objects and dangerous goods. (Not applicable in MXBS5030A)

**TECHNICAL PARAMETERS**
- **Speed of the Belt:** 0.22 m/s (Adjustable)
- **Film Safety:** ISO 1600 film is safe
- **Leak Dose:** <0.1 µGy/h

**WORKING ENVIRONMENT**
- **System Temperature/Humidity:** 0°-45°C/20% - 95% (No Condensation)
- **Storage Temperature/Humidity:** -20° - 60°C/20% - 95% (No Condensation)
- **System Voltage:** 220V AC (±1 0%) 50±3HZ
- **Power Loss:** 0.6 KW – 1.51 KW
- **Noise Level:** <55dB
| Model     | TECHNICAL PARAMETERS                                      |  | Model     | TECHNICAL PARAMETERS                                      |
|-----------|-----------------------------------------------------------|  |-----------|-----------------------------------------------------------|
| MXBS5030A | Tunnel Size: 500(W)*300(H) mm                             |  | Tunnel Size: 650(W)*530(H) mm                             |
|           | Conveyor Max. Load: 170 Kg                               |  | Convexor Max. Load: 200 Kg                               |
|           | Wire Resolution: 0.101 mm (diameter) metal line          |  | Wire Resolution: 0.07871 mm (diameter) metal line        |
|           | Penetration Ability: 10 mm thick steel plate              |  | Penetration Ability: 40 mm thick steel plate              |
| MXBS5030C | Tunnel Size: 500(W)*300(H) mm                             |  | Tunnel Size: 800(W)*650(H) mm                             |
|           | Conveyor Max. Load: 170 Kg                               |  | Conveyor Max. Load: 200 Kg                               |
|           | Wire Resolution: 0.07871 mm (diameter) metal line        |  | Wire Resolution: 0.07871 mm (diameter) metal line        |
|           | Penetration Ability: 40 mm thick steel plate              |  | Penetration Ability: 40 mm thick steel plate              |
**MXBS10080**

**TECHNICAL PARAMETERS**

- **Tunnel Size**: 1000(W)*800(H) mm
- **Conveyor Max. Load**: 200 Kg
- **Wire Resolution**: 0.101 mm (diameter) metal line
- **Penetration Ability**: 40 mm thick steel plate

---

**MXBS100100**

**TECHNICAL PARAMETERS**

- **Tunnel Size**: 1000(W)*1000(H) mm
- **Conveyor Max. Load**: 200 Kg
- **Wire Resolution**: 0.07871 mm (diameter) metal line
- **Penetration Ability**: 40 mm thick steel plate

---

All units are in millimeters (mm)
MAGUS SALES & SERVICES PVT. LTD.

ISO 9001:2008 certified company, part of the World Phone Group of companies, brings forth a portfolio of products for the mass market in the field of Remote Video Surveillance in India.

With Magus Secure, we aim at offering products with the right combination of latest technology, innovation and cost effectiveness to satisfy from small household surveillance needs to huge industrial demands.

World Phone Group of companies by TI Investment Services, a USA based corporation, based out of a New Jersey and provides management and technical expertise to its Indian partners. World Phone is a category A Internet Service Provider (ISP) and Internet Telephone Service Provider (ITSP) licensed by Department of Telecommunication, Government of India. It offers a bouquet of Internet based services ranging from Internet bandwidth, Internet telephony to other related services, both for corporate and domestic users.

OUR PRODUCT RANGE

Analog CCTV Cameras • IP Cameras • Digital Video Recorders (DVRs) • Mobile DVRs for Vehicles • Network Video Recorders (NVRs) • Wired & Wireless Video Door Phones • Alarm Systems • Guard Tour Systems

Disclaimer:
Actual product may vary from the product image shown.
All specifications are subject to change without any prior notice.
MAGUS SALES & SERVICES PVT. LTD.
Toll Free: 1800 102 8909

DELHI (CORPORATE OFFICE):
C-153 Okhla Industrial Area, Phase 1, New Delhi 110020
011 49563737
sales@magussecure.com
www.magussecure.com

MUMBAI:
Shivai Industrial Estate, Gala No. 111, 1st Floor, No. 89,
Andheri Kurla Road, Saki Naka, Mumbai – 400072
022 40154120
mumbai@magussecure.com

AHMEDABAD:
309, Aakruti Complex, Near Stadium Circle
C.G. Road, Ahmedabad – 380009
079 40094357
ahmedabad@magussecure.com

BENGALURU:
145, Mysore Road, 1st Main, Chamrajpet,
Behind Nalanda Theatre, Bangalore – 560018
080 26754896
bangalore@magussecure.com

PATNA:
Maa Bhagwati Complex, Flat No. - 201, Second Floor,
Boring Road crossing, Patna – 800001
0612 3249019
patna@magussecure.com

HYDERABAD:
7-1-117, Flat 403, Ananda Nilayam Apartment, Ameerpet,
Landmark - Gurudwara back side, Hyderabad – 500016
040-40020802
hyderabad@magussecure.com

CHENNAI:
09791280009
chennai@magussecure.com