

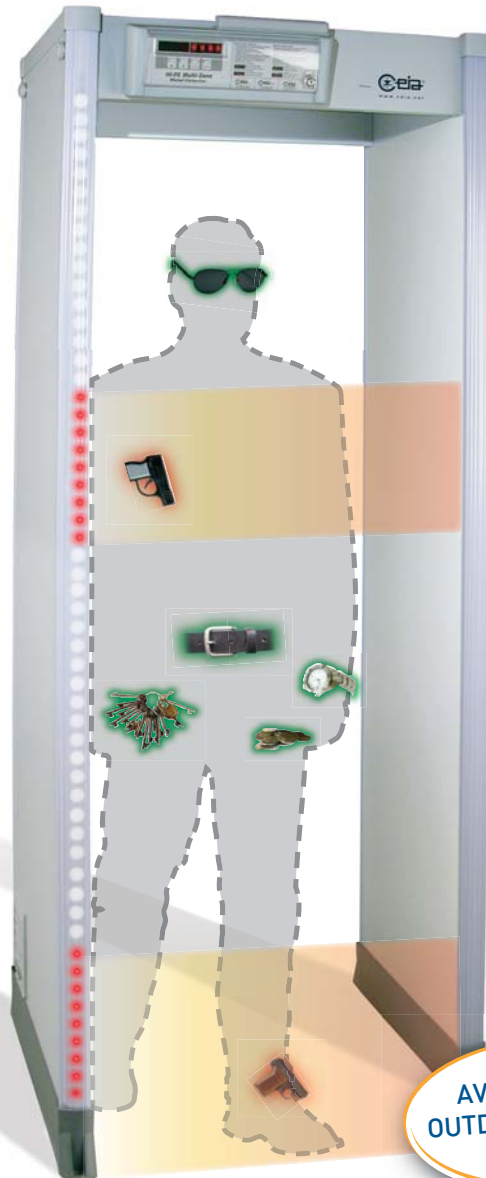
HI-PE Multi-Zone



GSA Contract Holder

HIGH PERFORMANCE WALK-THROUGH METAL DETECTOR

- High level of Detection Uniformity
- Highly visible double Display provides single or multiple location of metal objects in transit
- Very high speed of Detection
- High Immunity to external interferences
- High Reliability
- Local or Remote Programming with networking capabilities



AVAILABLE IN
OUTDOOR VERSION
(IP65)



THE HI-PE MULTI-ZONE IS MANUFACTURED USING THE MOST ADVANCED ELECTRONICS TECHNOLOGY



HIGH DISCRIMINATION AND FLOW RATE

The HI-PE Multi-Zone is a high performance walk-through Metal Detector which exceeds all International Security Standards. A "height on person" display actually indicates, by means of illuminated LED's, the position of the weapon on the person.

Three operating modes are available: **Floating** (standard), the location zones are not fixed, as in the case of metal detectors with multiple receiver-transmitter coils, but are variable and continuous so as to achieve optimum resolution; **8-Zones** and **4-Zones**, the alarm threshold can be adjusted individually for each zone. ▶



www.ceia-usa.com

HI-PE Multi-Zone



The HI-PE Multi-Zone allows a **high level of discrimination** between significant metal masses, such as the weapons which are to be detected, and personal metal items.

Extremely high levels of immunity to external interference, making it easy to use even when external electrical noise is encountered. **The sensitivity is independent of the transit speed.**

MAIN FEATURES

Immediate selection of International Security Standards
Detection of magnetic, non-magnetic and mixed alloy metal weapons

All functions programmable and controlled by a microprocessor

PROGRAMMING via built-in keypad and display or RS-232 serial connection to Remote Control Unit (RCU2), a PC or a computer network
access protected by both a mechanical lock and two alphanumeric passwords

TRANSIT FLOW: extremely quick reset time for a rapid flow-rate; detection speed: up to 45 ft/s (15 m/s)

Exceptional immunity to electromagnetic and mechanical interference

MULTIPLE INSTALLATIONS: automatic synchronisation between two or more metal detectors with a reciprocal distance of down to 5 cm (2") without the use of cables

Professional high integration and high reliability electronics

CONTROL UNIT incorporated into the detector

No initial or periodic calibration

EASY MAINTENANCE: modular control unit for a rapid replacement

Color: light grey RAL 7040

INSTALLATION DATA

POWER SUPPLY: 115/230 VAC, +10/-15%, 50 ÷ 60 Hz, 40 VA max

EXTERNAL INTERFACE: RS-232C for connection to a Remote Control Unit (RCU2), a terminal, a computer, an external modem or other CEIA Metal Detectors

CHOICE OF TOP OR BOTTOM POWER CONNECTION

PROTECTION Indoor Model: IP20 - IEC529

DEGREE Outdoor Model: IP65 - IEC529

OPERATING TEMPERATURE: -4°F to 158°F

STORAGE TEMPERATURE: -31°F to 158°F

RELATIVE HUMIDITY: 0 to 95% (without condensation)

ALARM MODES

VISIBLE SIGNALS Multi-zone display bar for "height on person" localization
High intensity display
Green and red metering signals proportional to the mass of the object detected

The detector's control unit is incorporated into the structure. Access to programming is protected both by a mechanical lock and by two alphanumeric passwords. The panels are washable and are equipped with shock absorbent edges to protect them against damages.

The HI-PE Multi-Zone is manufactured using the most advanced electronics technology, **conforming to ISO 9001 Quality Control Standard procedures.**

AUDIBLE SIGNALS High acoustic intensity alarm signal
Volume and tone of alarm signal can be programmed

CERTIFICATION AND CONFORMITY

Complies with Regulations relating to pacemakers, defibrillators or other vital support systems, pregnant women and magnetic storage media (floppy disks, audio cassettes, video cassettes and similar)

Conforms to the current International Security Standards for Walk-Through Metal Detectors

Complies with EC Regulations and International Standards relating to Electrical Safety and Electromagnetic Compatibility (EMC)

ACCESSORIES

MBSU-1 Unit is a portable device designed to supply CEIA Metal Detectors in outdoor applications or in situations where mains power supply is unavailable. The MBSU-1 is fitted with incorporated batteries and charger. The device is microcomputer controlled and extremely easy to use



PHOTOCELL TRANSIT COUNTER and automatic alarm rate calculation



RCU2: the console provides complete remote control of CEIA Walk-Through Metal Detector functions; connection to CEIA WTMDs via serial interface through maximum connecting cable length of 328 ft (100 m)

METAL DETECTOR

DIVESTING TABLE: this article acts both as a spacer between the X-ray unit and the Metal Detector and as a temporary depository for metal personal effects



SOFTWARE PROGRAMS MD SCOPE: software for oscilloscope simulation and terminal operation on CEIA MDs

TEST SAMPLES

GREEN AND RED METERING SIGNALS PROPORTIONAL TO THE METAL MASS DETECTED

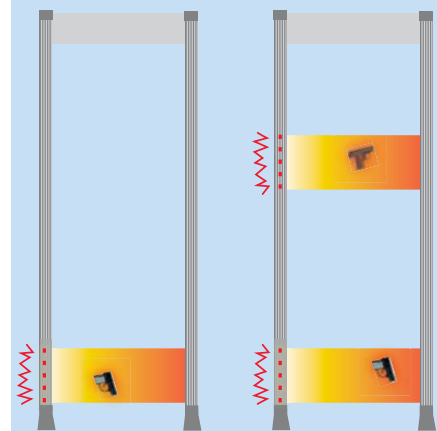
UNDER THE ALARM THRESHOLD

★ Small metal mass
★★★ Medium metal mass

OVER THE ALARM THRESHOLD

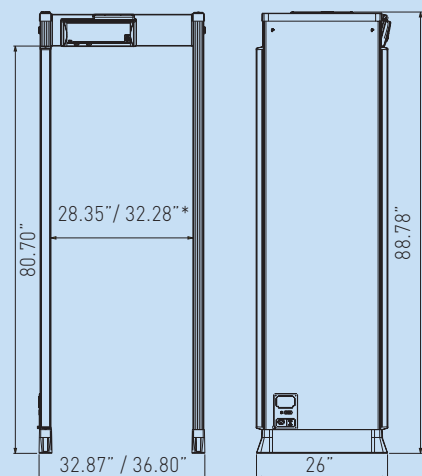
★★★ Medium metal mass
★★★★ Large metal mass

VISUAL ALARM ZONE INDICATION



SINGLE & MULTIPLE LOCATION OF THE METAL MASS DETECTED

DIMENSIONS



* AVAILABLE ON REQUEST



CEIA USA Ltd - 9155 Dutton Drive, Twinsburg OH - 44087 USA
Phone: 330-405 3190 - Fax 330-405 3196 - e-mail: sales@ceia-usa.com

www.ceia-usa.com

CEIA USA reserves the right to make changes, at any moment and without notice, to the models (including programming), their accessories and options, to the prices and conditions of sale

Call 888-532-CEIA

DP060K0003v1000US-44808