



ZONE IV ENTRY
CONTROL SYSTEM

Your Advantage In MRI Safety

METRASENS VANTAGE





PERMISSION-BASED ALERTS

Tailor alert behaviors for authorized personnel, further reducing alarm fatigue.



VIEW MODULE

Process inputs from people presence, magnetic signatures, and door sensors to deliver precise, condition-based alerts.



CLARITY IN EVERY ALERT

Metrasens Vantage triggers only when real risks are present, delivering clear, timely alerts that cut alarm fatigue and ensure staff act with confidence.

No distractions. No doubts.

Metrasens Vantage combines next-generation ferromagnetic detection with awareness of people, behavior, and door status to understand what's really happening in advance of the MRI doorway. By interpreting every signal in context, Vantage delivers only alerts that truly matter—reducing distractions and building confidence in every decision.

DETECT PROJECTILE RISKS EARLIER

No other system sees risk sooner. Metrasens Vantage detects ferromagnetic threats before they reach the MRI door—giving your team the earliest possible warning and the time to act when seconds count.

CUSTOMIZABLE ZONE III SAFETY

Set early and final detection regions to align with your Zone III configuration, and tailor alerts to match your protocols—including permission-based alerts that recognize authorized personnel, reduce nuisance alarms, and keep staff focused on true risks.

DATA-DRIVEN INSIGHTS

Through Metrasens IQ, every alert and detection event becomes actionable intelligence. Use data to train staff, improve protocols, refine processes, and confidently demonstrate compliance.

EVENT TRACKING & ROOT CAUSE ANALYSIS

Via Metrasens IQ, event tracking shows exactly what happened during a near miss or incident—door status, alerts triggered, or retreats after alerts. Reconstruct events objectively to identify causes, improve workflows, and prevent recurrence with confidence.

SMART BLACKOUT REGIONS

Configure zones to ignore non-critical areas, eliminate nuisance alerts from nearby magnetic sources, and keep focus on what truly matters.

FINAL ALERT REGION

EARLY ALERT REGION



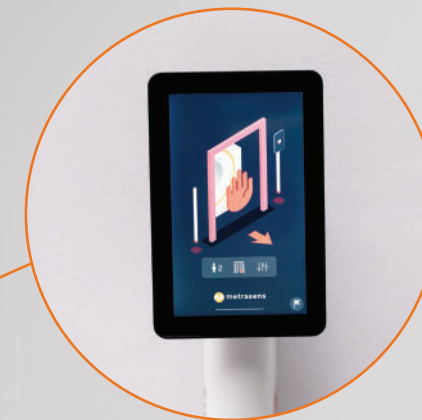
PERMISSION-BASED ALERTS

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SYSTEM DISPLAY

Provides clear alerts with location identification, removing guesswork.



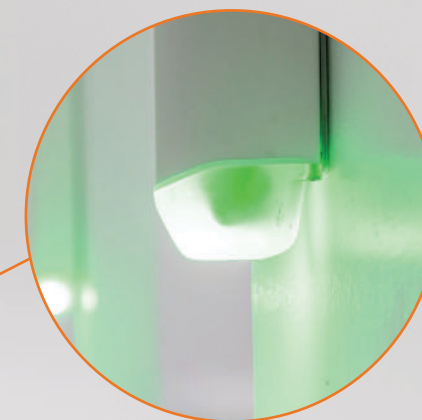
SMART BLACKOUT REGIONS

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DETECTION MODULES

Wall-mounted detection modules installed before Zone IV house our powerful FMD sensors for precise detection.



FLOOR LIGHTS

Flooding floor lights give total visibility from both Zone III and Zone IV.

FINAL ALERT REGION
EARLY ALERT REGION

CONFIGURABLE DETECTION REGIONS

Define where detection begins and ends—and tailor alert behavior within each region to match the unique flow and safety protocols of your MRI suite.

Metrasens IQ with AI insights

TURNING DETECTION
INTO DIRECTION



Metrasens Vantage doesn't stop at detection. With seamless integration into Metrasens IQ, every alert and event becomes part of a bigger safety story.

METRASENS IQ GIVES ACCESS TO:

Actionable Safety Data

Track key metrics such as alert rates, open-door time, and response patterns to reveal trends and deviations.

Event Tracking & Replay

Reconstruct real events with synchronized door status, alerts, and staff actions to uncover root causes.

Comprehensive Safety Reporting

Generate clear, data-rich reports on safety activity, performance, and compliance.

AI-insights

Harness AI-powered analytics to spot real-time trends, uncover causes behind alert spikes, and take proactive steps to strengthen MRI safety protocols.

Together, these insights empower workflow optimization, data-driven training, and confident compliance—so you can continually elevate MRI safety.

Specifications

HARDWARE

Visual Indication: Multi-color LED indicators reflect system status

Audible Alerts: User-configurable audio tone and volume for clear notifications

System Display: 7" (17.8cm) color touchscreen with variable backlight

Mounting Options: Wall or ceiling mount (VESA FDMI MIS-D standard)

DIMENSIONS & WEIGHT

Detection Modules (standalone)	6.6 lb (3 kg) 53.9" H (137 cm) × 2.2" W (6 cm) × 3" D (7.8 cm)
Detection Modules with System Display	8 lb (3.6 kg) 59.5" H (151 cm) × 2.2" W (6 cm) × 3" D (7.8 cm)
View Module	4 lb (1.8 kg) 7.8" H (19.8 cm) × 8" W (20.2 cm) × 6.3" D (16.1 cm)

POWER

PoE Port: PoE++ 802.3bt (Type 4) RJ45 socket (View Module)

Requirements: PoE++ 802.3bt (Type 4) 90W

CONNECTIVITY

Interfaces	RJ45 Gigabit Ethernet Port (View Module)
Cabling	Shielded CAT6 Ethernet or higher
Dry Contact Output	Details upon request



www.metrasens.com | info@metrasens.com
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North America and Latin America
630-541-6509

EMEA and APAC
+44 (0) 1684 219000