IDKM-1000DT
Desktop Detacher

IDKM-1010FM
Flush Mount Detacher

AM/RFID SuperTag Detacher IDKM-1000 IDKM-1010

The Sensormatic AM/RFID SuperTag Detacher combines performance with real-time visibility into inventory and assets to help improve operations, optimize profitability and create memorable shopper experiences. Fitted with an ultra-high frequency (UHF) RFID antenna, this detacher solution supports the AM SuperTag portfolio and RFID-enabled dual-technology tags, preparing for transition to RFID solutions in the future.

When connected to the Sensormatic IDX Multipurpose RFID reader, the RFID item-level data stored in dual-technology hard tags is read when the tag is detached. Through proper integration with the point-of-sale (POS) via the reader, this item-level data can be seamlessly captured, analyzed and acted upon. For instance, one function requires the tag's RFID information to match the scanned merchandise barcode prior to completing the transaction and releasing the tag. This level of intelligence helps greatly reduce sweethearting, scan avoidance and merchandise switching.

A detacher and RFID reader work together to send item-level and AM detach data to TrueVUE™ management software. This information drives reporting and dashboards to support decision making in near real-time. Reporting data points include item detail, inventory by location, detacher counts and more.

Retailer Values

// Access item-level data from AM/RFID hard tags to ensure inventory accuracy and improve replenishment time

// Combats theft techniques such as scan avoidance, merchandise switching and sweethearting when connected to an IDX Multipurpose RFID Reader

// Removes all SuperTags quickly and easily to accelerate check-out and improve the customer experience

// Works with a connected RFID reader to send item-level and detach data to TrueVUE management software for near real-time reporting and analysis

// Increases detaching security with password-protected lock and reset

// Provides ergonomic flexibility with desktop and flush mount options

// Gives feedback for correct operation via LEDs and the insertion switch

Product Codes

IDKM-1000DT
AM/RFID Desktop Detacher with Power Supply and Power Cord

IDKM-1010FM
AM/RFID Flush Mount Detacher with Power Supply and Power Cord

IDKM-1000
AM/RFID Desktop Detacher Only

IDKM-1010
AM/RFID Flush Mount Detacher Only

Product Compatibility

Sensormatic SuperTag Portfolio, AM and AM/RFID Dual Tech Tags

Sensormatic IDX-2000 2-Port Multipurpose RFID Reader

Sensormatic IDX-8000 8-Port Multipurpose RFID Reader

TrueVUE™ Software

EPC Gen2 standard RFID Tags

Specifications

Desk Mount

Length 15.0cm (5.9in)
Width 10.2cm (4.0in)
Height 6.3cm (2.5in)
Weight 1.035kg (2.31lbs)

Flush Mount

Length 22.0cm (8.7in)
Width 18.0cm (7.1in)
Height 6.3cm (2.5in)
Weight 1.140kg (2.35lbs)

Electrical

Detacher Input ..... 24 Vdc / 2.5A max.
Power Consumption ..... 48W max.

Recommended Power Supply
Sensormatic part #5606-0083-01)

Power Input ..... 100-240 Vac (50/60Hz) 1.8A max.

Power Output ..... 24 Vdc / 2.0A

RF Characteristics

Detacher is fitted with embedded wideband RFID antenna. Requires external RFID Reader to operate.
Detacher Antenna Gain..... -13.0dBiL

Can be used with readers operating in NA (902–928MHz) or EU (865–868MHz) frequencies (or subsets).

Choice of reader and settings limit operation to match country specific RF requirements.

Negative gain of antenna limits detacher output to less than 100mW, even when reader is set to 2W (33dBm).

Environmental Constraints

Temperature Range

Operating 0°C to +40° C (32°F to +104°F)

Storage 0°C to +70° C (32°F to +158° F)

Evaluated for altitudes less than 3200m (10,500ft)

Humidity

0 to 90%, non-condensing

Regulatory

Declarations

EMC
47 CFR Part 15
EN55022
EN55024
EN61000-3-2
EN61000-3-3
ICES 003
EN55014-1
EN55014-2

Safety (second edition)
UL 60950-1
CSA C22.2.60950-1
EN 60950-1

CE This product is in conformity with RoHS II Directive 2011/65/EU and REACH Substances of Very High Concern as defined in regulation (EC) No 1907/2006 and subsequent amendments to both.

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