



RadSight Industrial Terminal

The RadSight Industrial Terminal is a flexible, scalable radiation safety solution compatible with electronic dosimeters from the world's leading manufacturers.

Built around a powerful industrial-grade touchscreen panel PC with integrated Bluetooth and IR readers, it serves as an all-in-one monitoring and issue/return station. Multiple stations can be networked to manage radiation data across an entire site, and the modular software can be upgraded to include live dose display and access control.

VALUE PROPOSITION

✓ CORE CAPABILITIES

- **Industrial-Grade Enclosure:** Housed in a sturdy metal enclosure, the RadSight Industrial Terminal is built to withstand the rigours of demanding environments, ensuring long-term reliability and consistent performance with minimal maintenance.
- **Wide Temperature Tolerance:** Operates reliably from -10°C to +50°C, eliminating downtime caused by environmental extremes.
- **High-Performance Processing:** Powered by an Intel Celeron processor with 4GB RAM for seamless performance across high-volume dosimeter management and multi-site operations.
- **Purpose-Built Design:** Metal housing with side-mounted light bars and larger storage capacity, built for durability and ease of maintenance in industrial applications.

★ KEY BENEFITS

- **Simple Issue/Return & Live Dose Monitoring:** The RadSight Industrial Terminal provides an intuitive issue/return and live dose monitoring station for teams working in radiation-exposed environments, no complicated setup required, straight out of the box.
- **EPD Compatible:** Fully compatible with EPD TruDose and EPD MKII devices, with an integrated IR and Bluetooth EPD reader built directly into the terminal.
- **Glove-Friendly Touchscreen:** Features an IP65-rated touchscreen with a glass screen protector, providing excellent scratch protection and an easy-to-clean surface for demanding industrial environments.



EPD ISSUE AND RETURN AND ACCESS CONTROL

RadSight Access enables an EPD to be assigned to a person and associated with a particular task or activity. It records the time of entry, exit and the EPD dose is recorded.

The system also supports barcode based ID scanners if used.

General Issue Workflow

- User inserts EPD into reader
- System prompts for User identification
- System prompts for a Task/Activity (or is selected from a list)
- EPD is switched on and issued to the user with alarm set points programmed

General Return Workflow

- User inserts EPD
- System reads EPD and records dose details
- EPD is switched off and de-issued

The system provides basic checks during the Issue process, such as checking the tasks are active and the EPD is in calibration.

SYSTEM DETAILS

Built for Your Environment

The RadSight Industrial Terminal is compatible with two powerful software platforms, each designed to meet the specific needs of your facility.

RadSight Access

A dosimetry solution built for health physicists managing electronic personal dosimeters (EPDs) across hospitals and nuclear facilities. Workers are assigned an EPD through a simple issue/return process, with the system automatically recording entry and exit times alongside dose received. Records are easy to interrogate and reports can be generated with minimal effort.

RadSight Live

A real-time dosimetry solution designed to minimise radiation exposure during medical procedures. Dosimeters are assigned to individuals using a colour-coded system or through an issue/return process, with live dose data displayed graphically on screen. Coloured bars and optional audible alarm instantly flag when dose limits are being approached or exceeded, and historical data remains accessible for reporting and analysis.



SOFTWARE COMPARISON

Feature	Access	Live
Issue/Return	✓	✓
Dose Recording	✓	✓
Dose Reporting	✓	✓
Historical Data	✓	✓
Wireless Connectivity	✓	✓
Networked Solution	✓	✓
Remote Portal	✓	✓
Live Dose Graphical Display		✓



INCLUDED COMPONENTS

- 10” Panel PC with PCAP touch-screen
 - Pre-installed RadSight software (Appropriate license required)
 - Integrated EPD reader slot with IR reader
 - LED alarm indicators
- 75 x 75mm VESA mount
 - Adjustable desktop stand
 - Optional wall mounting plate
 - USB Type-A connector for data export

PRODUCT INFORMATION

PART NUMBERS	CDM56015	Access
	CDM56090	Live

PRODUCT SPECIFICATIONS

PHYSICAL PROPERTIES	Screen Size	10.1”
	Storage	SSD 128 GB
	RAM	4 GB
	Security	TPM 2.0
	Design	Includes side-mounted light bars
	Operating Temperature	-10°C to +50°C
	Processor	Intel Celeron N6211
	IP Rating	Front Panel IP65
	Weight	1.2 kg
	Housing Material	Metal
	Power	POE, 12v DC, 3-Pin Terminal block
	Certification	FCC, CE

CONTACT

AMERICAS

Charthouse Data Management LLC
 11720 Amber Park Dr,
 Ste 160 PMB 1047,
 Alpharetta, GA 30009
 +1 (678) 935 0104
 sales@charthouseusa.com

WORLDWIDE

Charthouse Data Management Ltd.
 Unit A17, St Vincent House,
 Admiralty Park, Station Rd,
 Holton Heath, Poole, Dorset,
 BH16 6HX, UK
 +44 (1202) 031444
 sales@charthouse.co.uk