



RADSAT 3

Rapid Deployment Unit

RadSat is a portable, stand-alone radiation monitoring terminal designed for quick deployment in areas where radiation exposure is a risk. Housed in a rugged, waterproof case with a modern design, it features a large touchscreen display for clear numeric and graphical dose readings, along with bright visual alarms for instant dose/dose rate status indication.

Powered by a rechargeable battery, RadSat operates without external power and runs RadSight software with a built-in EPD reader slot, enabling fast dosimeter preparation, worker assignment, and automatic dose rate tracking.

KEY FEATURES

IP5X DUST-TIGHT

Fully sealed against dust when open, IP65 when closed.

BRIGHT DISPLAY

800 cd/m² for improved visibility

SELF CONTAINED

Configurable storage solutions, for multiple devices

USB PORTS

Easily accessible inside case

AUTO SCREEN POWER OFF

Screen powers down when closed

RAPID DEPLOYMENT

Designed for efficient field deployment with minimal set up required

PORTABLE RADIATION MONITORING

CORE CAPABILITIES

- **Complete Solution:** Uses powerful, easy-to-use RadSight software to deliver a full dosimetry monitoring solution.
- **Self-Contained:** Stores all required components (including EPDs, radios, and batteries) inside the case, eliminating the need for additional equipment.
- **Long Battery Life:** Built-in rechargeable battery provides up to 11 hours of continuous operation.
- **Telemetry:** Supports TruDose (Mk3) via Bluetooth, and EPD Mk2 with teleadapters when paired with a Link2-USB or LTS-06 mesh radio unit.
- **Real-time Display:** Presents live, easy-to-read graphical dose and dose rate data for the entire team and/or deployed area monitors on a single display.

KEY BENEFITS

- **Portability:** Easily monitor your team anywhere in the facility with minimal setup time.
- **Radiation Data Export:** Quickly offload monitoring data for analysis by plugging in a USB drive.
- **Safety:** Track team exposure levels in real-time to reduce radiation dose, even in challenging locations.
- **Sensor Versatility:** Monitor different types of sensors (i.e. RadEyes, etc) that are compatible with radio and RadSight system



charthouse rugged

Name	Status	Value
John Doe	Active	100
Jane Smith	Active	100
John Doe	Active	100
Jane Smith	Active	100
John Doe	Active	100
Jane Smith	Active	100

INCLUDED COMPONENTS

- 15.6" touchscreen with integrated alarm indicators
- Rugged Pelican case for transport, deployment, and storage
- Built-in LTS base radio for extended wireless range
- Optional LTS radios for system range optimisation
- Rechargeable sealed battery with charger
- Configurable storage solutions for multiple devices, including EPD MKII & TruDose, RadEye, RadFlash, and DMC devices *
- USB connector for easy data export

RADSIGHT LIVE SOFTWARE



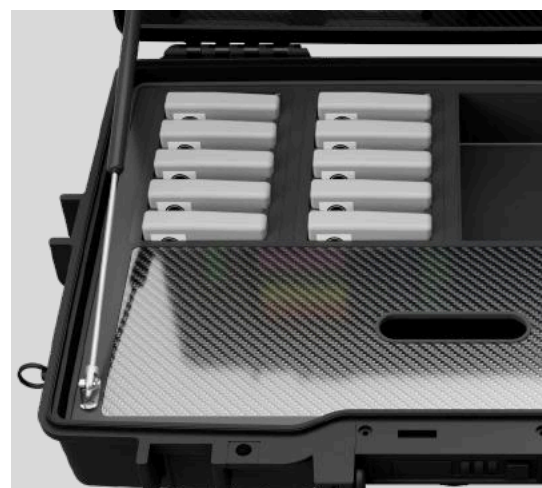
RadSight Live is a real-time dosimetry solution for minimising radiation exposure in medical procedures. The software enables a team of workers, wearing electronic dosimeters, to be monitored and their dose tracked during procedures involving X-rays or other radiation sources.

The system provides instantaneous dose data on a live graphical display. Coloured bars within this graphic highlight when a dose limited is approached or exceeded. The historical data can also be accessed for analysis or to provide reports.

TYPICAL USE CASES

- High Dose/Rate Nuclear Plant Outage Job Coverage (reactor Cavity, Head Replacement, etc)
- Nuclear Facility Hot Cells
- Hospital Fluoroscopy and other associated medical procedures using high-level radiation sources
- First Responders and Radiological Emergency Plan Response

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GENERAL SPECIFICATIONS

POWER REQUIREMENTS	Battery Life	Up to 11 hours
	Mains Requirements and Charger	Input: 100–240 VAC Output: 12.6 V DC, 3 A
PHYSICAL PROPERTIES	Dimensions (HxWxL)	55.0 x 42.5 x 13.0 cm
	Weight without radio and accessories	10.5 kg
	Screen Size & Type	15.6" Full High Definition Panel PC with PCAP Touchscreen
	USB Connectors	1x USB Type 'C' Socket 2x USB Type 'A' Sockets
	EPD Storage	Configurable storage solutions for multiple devices, including EPD MKII & TruDose, RadEye, RadFlash, and DMC devices *
	Environmental Protection	IP65 (closed), IP5X (open)
PC SPECIFICATIONS	Compliance	MIL-STD-810H Panel MIL-STD-461G
	Processor	Intel Core i5
	Storage	256GB M.2 NVMe SSD
	Memory	8GB DDR5 SDRAM
	Brightness	800 cd/m ²

CONTACT

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