

## FEATURES

### Complete Solution

Leverages powerful and easy to use RadSight software for a full dosimetry solution

### Self-Contained

All required components including EPDs, radios and batteries can be stowed in the case removing the need to carry additional baggage

### Long Battery Life

Integral re-chargeable battery gives over 12 hours continuous operation

### Compatibility

Compatible with EPD Mk2 using Bluetooth and also compatible with EPD Mk2 using teleadapters when fitted with a Link2-USB or LTS-06 mesh radio unit

### Real-time Display

Live graphical display of dose and dose rates for the whole team on a single easy to understand display

## BENEFITS

### Portability

Monitor your team anywhere in your facility without costly setup time

### Radiation Dose Export

Offload your data for analysis by simply plugging in a USB drive

### Safety

Monitor your teams to reduce dose exposure even in difficult locations

RAPID DEPLOYMENT UNIT FOR  
RADIATION MONITORING OF  
WORKERS IN REAL-TIME USING  
EPD TRUDOSE DOSEMETERS

## NEW FEATURES

- **IP6X DUST TIGHT (WHEN OPEN)**
- **BRIGHTER SCREEN (220 → 300cd/m<sup>2</sup>)**
- **ETHERNET SOCKET (FOR MAINTENANCE)**
- **USB SOCKET IN STORAGE BAY**
- **AUTO SCREEN-OFF WHEN CLOSED**
- **128GB SSD**



**ChartHouse** Data Management Ltd.

Unit A17, Admiralty Park,  
Holton Heath, Poole,  
Dorset, BH16 6HX, UK

[www.charthouse.co.uk](http://www.charthouse.co.uk)  
[support@charthouse.co.uk](mailto:support@charthouse.co.uk)

# RADSAT 2

## OVERVIEW

---

### RADIO OPTIONS

#### Option 1

LTS-12base and transmitter:  
Range 500m

#### Option 2

LTS-06base and transmitter:  
Range 30m

#### Option 3

Internal Bluetooth:  
Range 15m

### SPECIFICATIONS

#### Overall Dimensions

550 x 425 x 130 mm

#### Weight (without radio and accessories)

<12kg

#### Battery Life

Up to 12 hours

#### Mains requirements and charger

100 – 240vac in-put/12.6v dc at 3A

#### Screen Size & Type

15.6" Touchscreen Panel PC

#### USB Connectors

2x USB Type 'A' Socket

#### EPD Storage

6 EPDs (both TruDose EPD and EPD Mk2)

#### Environmental Protection (case closed)

IP67

RadSat is a radiation monitoring Stand Alone Terminal that can be quickly and easily deployed to monitor a team of workers or staff where there is a risk of radiation exposure. The RadSat unit has an ergonomic, modern design. It is portable and is mounted in a tough, durable case that is waterproof when closed.

A large touch screen display shows a numeric and graphical indication of dose and dose rate values for each individual being monitored. Large coloured LEDs indicate alarm conditions. A rechargeable battery provides continuous operation with needing an external power source.

The unit runs RadSight software and together with a built-in EPD reader slot this allows EPDs to be quickly prepared for use, assigned to workers and for dose values to be displayed and recorded.

## WHAT'S INCLUDED

---

- 15" touch-screen with alarm indicators
- Tough Pelican case for transport, deployment and storage
- Integral LTS-12 base radio for extended range
- LTS-12 transmitter stowed in pocket
- Optional LTS-06/LTS-08 for connection to a mesh radio network
- Re-chargeable sealed battery and charger unit
- Storage for up to 6 EPDs
- Storage for batteries and miscellaneous items
- USB connector for data export

