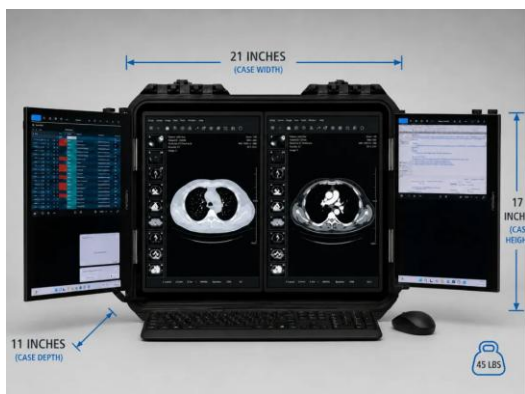


RADCOM COMPACT Series

Portable Diagnostic Reading Station – Specifications Sheet



Overview

The RADCOM COMPACT Series is a fully integrated portable radiology workstation designed for diagnostic imaging professionals who require high-performance reading capabilities wherever they work. Built into a rugged airline-friendly transport case, the COMPACT Series provides a complete radiology environment ideal for hospitals, teleradiology, disaster recovery, emergency response, military deployments, and remote reading applications.

- RADCOM COMPACT Diagnostic – FDA-cleared diagnostic workstation
- RADCOM COMPACT 4K DICOM – Clinical review workstation with DICOM-calibrated 4K displays
- RADCOM COMPACT Screens – External laptop-driven four-screen display system

Physical Specifications

Feature	Specification
Carrying Case	Rugged impact-resistant hard case
Weight	Approximately 46–49 lbs (configuration dependent)
Transport	Integrated wheels and telescoping retractable handle
Airline Compatibility	Fits in most commercial airline overhead compartments as carry-on luggage
Protection	Hardened transport case protects all internal components
Setup Time	Minutes
External Connections	Power and Ethernet accessible without opening the system

Display Configuration

Standard Diagnostic Model includes two Jusha 6MP FDA-cleared diagnostic displays and two 4K Ultra HD worklist displays for PACS worklists, reporting, voice dictation, EMR, communications, and supporting applications.

System Hardware

- Intel® Core™ i5-i7 Processor for fast application performance and demanding radiology workflows.
- 32-128 GB RAM for responsive multitasking and large imaging studies.
- 6-12 GB professional GPU optimized for diagnostic image rendering and multi-monitor support.

Network Connectivity

- Wi-Fi
- Wired Ethernet
- Starlink
- Cellular internet (optional)
- Satellite internet
- Hospital networks
- Remote field deployments

Power Options

- Standard AC power
- External battery backup
- UPS systems
- Portable generators
- Solar power configurations

Ideal for disaster recovery, emergency response, military operations, remote healthcare, and mobile imaging deployments.

Available Configurations

RADCOM COMPACT Diagnostic

Built-in computer, two FDA-cleared 6MP diagnostic displays, two 4K displays.

RADCOM COMPACT 4K DICOM

Built-in computer with four DICOM-calibrated 4K displays.

RADCOM COMPACT Screens

External laptop connection driving all four integrated displays via a single cable.

Applications

- Teleradiology
- Hospital reading
- Home reading
- Emergency reading
- Disaster recovery
- Military medicine
- Mobile imaging
- Temporary reading locations
- Remote diagnostic operations

Key Features

- Portable all-in-one radiology workstation
- Fits most commercial airline overhead bins
- 46–49 lb transport weight
- Intel Core i5 processor
- 32 GB RAM
- 6 GB professional graphics
- Four integrated displays
- FDA-cleared diagnostic display option
- Wi-Fi, Ethernet, and Starlink compatible
- External battery and solar capable
- Built-in wheels and telescoping handle
- Quick deployment

RADCOM COMPACT Series

A complete portable radiology workspace designed to bring diagnostic confidence anywhere imaging is needed.

