

Solutions for Advanced Scientific Research

Laboratory Software, Imagers, Reagents,
and Accessories



LI-COR®

Odyssey DLx Imager

Explore NIR Imaging and See the Difference with DLx

The Odyssey DLx Imager is a flexible, NIR imager that captures Western blots, plate-based assays, tissue sections, and gels. As an effective and high-throughput imager, the Odyssey DLx Imager takes premium, unsaturated images in a single acquisition.

Simplify and Speed Up the Imaging Process

A faster setup means a faster imaging procedure. The Odyssey DLx Imager has several primary features that simplify and increase imaging turnaround. Together, they capture data detail and complexity without sacrificing integrity.

- Has over six logs of dynamic range
- Does not require camera setting adjustments
- Captures a single image with the full data range



Take Unsaturated, High-Quality Images

Unlike other NIR imagers, the Odyssey DLx Imager uses the same optical settings for all acquired images. Its advanced NIR laser technology also allows for highly sensitive imaging with over six logs of dynamic range. Together, these allow the Odyssey DLx Imager to capture the full range of data into a single image that has authentic band signals and no saturation.

- Images pixel by pixel with laser-point technology
- Produces images with accurate band signals
- Uses 21- μ m resolution for high-precision imaging

Odyssey DLx Imager Key Specifications

Optical System

Image Area:

25 cm W x 25 cm D (9.8" W x 9.8" D)

Pixel Resolution: 21-337 μ m

Dynamic Range*:

Manual: >4 logs

Auto: >6 logs

Detectors: Silicon avalanche photodiodes

Laser Lifetime:

40,000 hours of operation

Class 1 Laser Product

Light Sources:

700 Channel Laser Source

Solid-state diode laser at 685 nm

800 Channel Laser Source

Solid-state diode laser at 785 nm

**This dynamic range is obtained in a single acquisition.
Specifications subject to change without notice.*

Size and Weight

Dimensions (Instrument Only):

53 cm W x 62 cm D x 37 cm H

(21" W x 24.5" D x 15" H)

Height with hood fully open:

74 cm (29")

Weight: 33 kg (72 lbs)

Software Specifications

LI-COR Acquisition Software

Operating System

Windows 10 (64 bit)

Memory

Minimum 16 GB

Hard Drive

Solid state

Empiria Studio Software

Operating System

Windows 10 (64 bit)

Mac OS Mojave or Catalina

Memory

Minimum 8 GB

Learn more about the Odyssey DLx Imager at licor.com/bio/odyssey-dlx