OBIS LX/LS Single Laser Remote

Full Feature Laser Remote and Power Supply

OBIS LX and OBIS LS laser products come with a variety of accessories to support your application needs.

The OBIS Single Laser Remote for OBIS LS and OBIS LX offers all the features from the laser in a convenient CDRH-compliant interface.

As with all OBIS LX and OBIS LS lasers, the laser itself offers a stand-alone all-in-one laser solution. The OBIS laser comes with a Power Connection, USB Connection, Fan Connection and a SDR-type Connection for laser control I/O. All of these are on the back panel of every OBIS LX/LS laser.

To simplify integration the OBIS Single Laser Remote connects to the single SDR-type connector for power, signals and communication. The OBIS Single Laser Remote then brings all of these features to controls and connectors on the Remotes front and back panel.

OBIS Single Laser Remotes can even be stacked together with the provided mounting hardware for applications using multiple OBIS LX/LS lasers.

FEATURES

- Compact size
- Laser safety features (CDRH) such as key switch and interlock
- Laser status indicators
- Full input and output connections for control, analog modulation and digital modulation
- Compact power supply for single laser included
- Brackets for mounting and stacking included

APPLICATIONS

- Laboratories needing CDRH features
- Applications wanting a simple Analog or Digital inputs to control the laser
- Applications wanting laser control at a remote location away from the laser
## OBIS LX/LS Single Laser Remote Controls

### Key Switch
- **Power Input**
- **I/O Connection**
  - USB
  - RS-232
- **SMB Connection**
  - Analog and Digital
- **Status Indicators**
- **Interlock Connection**
- **To Laser**
- **Illuminated On/Off Switch**
OBIS 6-Laser Remote

OBIS LX/LS 6-Laser Remote Mounting Brackets and Stacking Brackets (included with OBIS LX/LS 6-Laser Remote)

Example of Stacking OBIS LX/LS 6-Laser Remotes (mounting bracket included, second remote sold separately)
OBIS Single Laser Remote Accessories

OBIS Single Laser Power Supply (included with OBIS LX/LS Single Laser Remote)

Power Cord sold separately

OBIS Single Laser Remote Power Supply offers 12VDC output to the OBIS Remote and has an universal input of 100-240 VAC (47-63 Hz).

OBIS Single Laser Remote requires a SDR-type cable to connect the Laser to the Remote. This cable carries power, signals and communications. Available in 0.3m, 1m and 3m lengths. Sold separately. (Note: If buying an OBIS Laser System then the OBIS laser is shipped with the OBIS Single Laser Remote and a 1-meter SDR-type cable.)
OBIS Single Laser Remote Accessories

Example of the OBIS LX/LS Laser System including:
OBIS Single Laser Remote, SDR-type Cable from the Laser to the remote, USB cable, OBIS Single Laser Power Supply.
<table>
<thead>
<tr>
<th>Other OBIS Laser Remotes</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>OBIS LX/LS Laser Box</td>
<td>OBIS LX/LS Laser Box with five laser mounting bays with thermal management, cooling fans, analog/digital inputs, RS-232, USB, key-switch and interlock in one compact package. Lasers sold separately.</td>
</tr>
</tbody>
</table>
MECHANICAL SPECIFICATIONS

OBIS LX/LS Single Laser Remote

Coherent follows a policy of continuous product improvement. Specifications are subject to change without notice. Coherent’s scientific and industrial lasers are certified to comply with the Federal Regulations (21 CFR Subchapter J) as administered by the Center for Devices and Radiological Health on all systems ordered for shipment after August 2, 1976.

Coherent offers a limited warranty for all OBIS LX/LS Single Laser Remotes. For full details of this warranty coverage, please refer to the Service section at www.Coherent.com or contact your local Sales or Service Representative. Printed in the U.S.A. MC-025-14-0M0317Rev.A Copyright ©2017 Coherent, Inc.