CONEX-LDS

Electronic Autocollimator

Newport® USB Driver Installation Manual
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1.0 Overview and Setup

1.1 Components

USB Cable

CONEX-USB-RS422 – Serial to USB Interface Converter
1.2 Electrical Installation

1. Connect the LDS cable and power supply cable to the LDS head
2. Connect the LDS cable and USB cable to the serial converter
3. Connect the USB cable to an available USB port of the PC
2.0 First Connection

CAUTION

BEFORE ANY INSTALLATION, CONTACT YOUR IT ADMINISTRATOR TO VERIFY THAT YOU HAVE THE APPROPRIATE RIGHTS.

2.1 CONEX-LDS USB Driver Installation on Windows 7

1. Connect the CONEX-LDS controller to a USB port with the provided USB cable
2. Detection of this new connected device (the first time) is signaled by a message in the bottom-right of the screen
3. For Windows 7 64 bit, the USB driver installation is completed when the message disappears
4. For Windows 7 32 bits, right click on the new detected device and select “Update driver”.

Click “Search automatically for updated driver software”
5. The following window will pop up after driver installation completes

2.2 USB Device Installation for Windows XP

1. Download CONEX-USB-RS422_driver.zip from newport.com
2. Run USBCom-CDM_20828.exe
3. Select “Extract” and the following window will pop up

![Device Driver Installation Wizard]

The following page indicates that the drivers have been successfully installed

![Device Driver Installation Wizard]

4. Once the drivers are installed, connect the CONEX-LDS to a USB port with the provided USB cable.

5. Detection of this new connected device (the first time) is signaled by a message in the bottom-right of the screen.

![Found New Hardware]

Now, your CONEX-LDS is installed and ready to use.
3.0 CONEX-LDS Installation Verification

Open the “Device Manager” and select the “Device” tab to check your configuration. In the display menu, select “View devices by type”

Expand “USB Bus controllers” line and check the new line USB Serial Converter:

![USB Serial Converter](image)

Expand “Ports (COM and LPT)” line and check the new line USB Serial Port (COMx):

![Ports (COM & LPT) and USB Serial Port (COM4)](image)

NOTES

Note the COM port number (x) assigned to the device. This will be required for troubleshooting.
Service Form

Name: ___________________________________________
Company: _______________________________________
Address: _______________________________________
Country: _______________________________________
P.O. Number: ___________________________________
Item(s) Being Returned: ___________________________
Model#: _______________________________________

Return authorization #: ___________________________
(Date: ___________________________
    (Please obtain prior to return of item)
    Phone Number: _______________________
Fax Number: ___________________________
Serial #: ___________________________________

Description: _______________________________________________________________________________

Reasons of return of goods (please list any specific problems):
_________________________________________________________________________________________
_________________________________________________________________________________________
_________________________________________________________________________________________
_________________________________________________________________________________________
_________________________________________________________________________________________
_________________________________________________________________________________________
_________________________________________________________________________________________
_________________________________________________________________________________________
_________________________________________________________________________________________
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