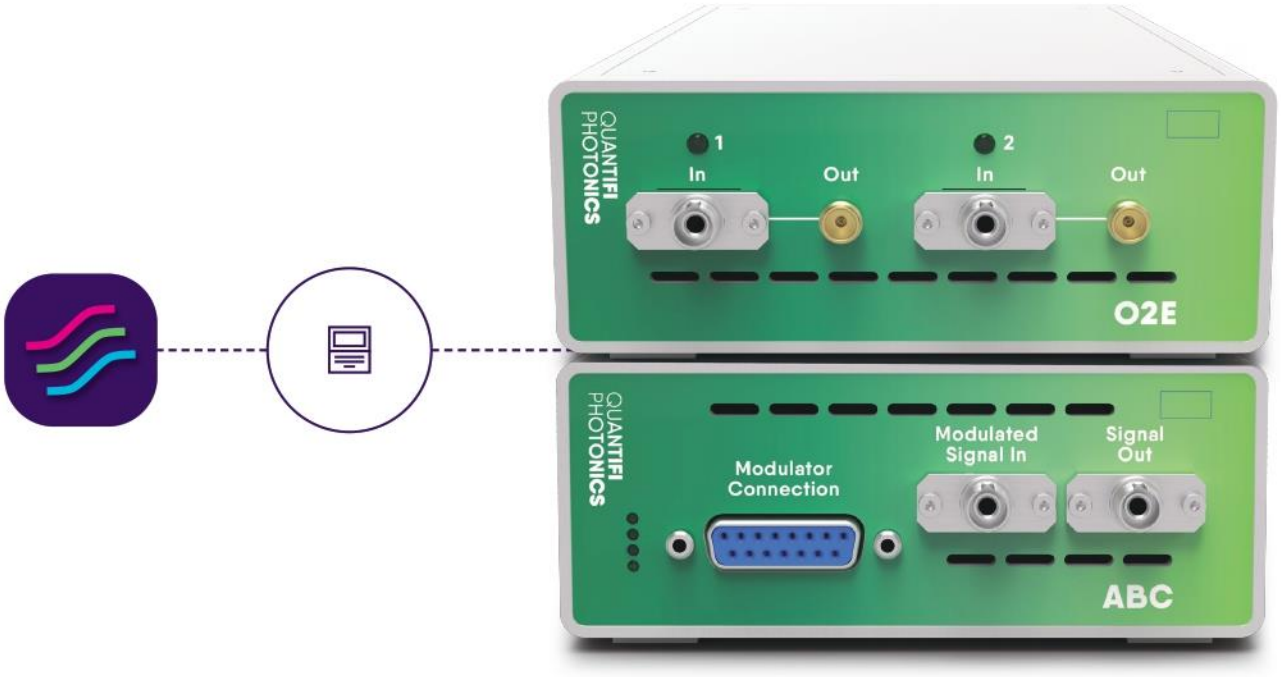
QUANTIFI PHOTONICS™

MATRIQ Instrument

SOFTWARE INSTALLATION QUICK START GUIDE



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Units of Measurement

Units of measurement in this publication conform to SI standards and practices

Version: 2.02

1 Conventions

Before using the instrument described in this manual, take note of the following conventions:

WARNING

Indicates a potentially hazardous situation which, if not avoided, could result in **death or serious injury**. Do not proceed unless the required conditions are met and understood.

CAUTION

Indicates a potentially hazardous situation which, if not avoided, may result in **minor or moderate injury**. Do not proceed unless the required conditions are met and understood.

CAUTION

Indicates a potentially hazardous situation which, if not avoided, may result in **component damage**. Do not proceed unless the required conditions are met and understood.

IMPORTANT

Refers to information about this product that you should not overlook.

NOTE

Indicates some information that requires your attention or some extra information for the current topic.

2 Software installation information for MATRIQ instruments

⚠ IMPORTANT

If **another MATRIQ instrument is already connected** to the client computer **over USB**, consult the **Network and Update settings** section in the User Manual (available on our website) on configuring the Ethernet / USB IP address for multi instrument control.

Communication with the MATRIQ instrument can be realised over an **Ethernet** or **USB** connection. Both connection methods will allow control of the instrument through the CohesionUI graphical user interface and with SCPI commands.

To control or communicate with the MATRIQ instrument, install Cohesion Operator onto the client computer.

Cohesion Operator (included on the provided USB drive as **CohesionOperator-<version>.exe**) will install required drivers, applications, and desktop icons on the computer, enabling you to control Quantifi Photonics instruments available on your network through CohesionUI or with SCPI commands.

Cohesion Operator is also available for download from Quantifi Photonics website.

1. Run Cohesion Operator: Double click and run the **CohesionOperator-<version>.exe** from the provided USB drive.
2. Check that the MATRIQ instrument is connected to the PC using either USB or Ethernet and run the Cohesion Operator application from the desktop.

Cohesion Operator

3. To communicate with the instrument, select the instrument in Cohesion Operator - the IP address of the instrument is displayed on the LCD screen on the back of the instrument (e.g. 10.10.10.89).

   NOTE

   When both Ethernet and USB cables are connected to the MATRIQ Instrument, the IP displayed on the LCD will alternate between the USB and Ethernet IP addresses.

   If needed, the IP address can be statically assigned to the Ethernet or USB connection.

4. Click **Connect** to validate the IP address and collect instrument information.
5. Click **Open SCPI Command Console** to work with SCPI commands.
6. Click **Open Cohesion UI** to work with the graphical user interface.

For detailed information, check the **User Manual**.

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To find out more, get in touch with us today.

General Enquiries	sales@quantifiphotonics.com
Technical Support	support@quantifiphotonics.com
Phone	+64 9 478 4849
North America	+1-800-803-8872

quantifiphotonics.com

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