Install the Keysight IO toolkit (ensure correct version for Win10/Win11)

Open IO Toolkit Connection Expert

| | | | Con | nection | Expert | | |
|---|-------|---|-------|----------|-------------|-------------|-----|
| | | | Utili | ties | | | > |
| | | | VISA | Option | s | | > |
| | | | Doc | umenta | tion | | > |
| | | 1 | Exit | Keysigh | t IO Contro | bl | |
| | h - / | | Abo | ut Keysi | ght IO Libr | aries Suite | |
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Highlight the connected logger (USB) and copy the VISA address on the right (ensure the whole address is copied)

| 🧧 Keysight Conr | nection Expert 2023 | 3 | | | | | | | | | ٥ | ? | _ | \square × |
|--|---|----------------------|---|------------------|-------------------------------|--|----------------------|--------------------|----------------------|----------------------------|---------------------|-------|-------|-------------|
| Instruments | PXI/AXIe Chassis | | | | | | | | | | | | | |
| My Instruments | + Add | C III T | Details f | or Keysig | ght Techr | ologies D | AQ970A | | | | | | | |
| No Instruments Found S COM (ASRL7 No Instruments Found COM (ASRL8 | 9 9 9 9 | | Check Status Manuf Model Serial | Edit acturer: | Remove Keys DAQ MY51 | Interactive Io sight Techno 970A 8031158 | IO Monitor logies | Command Expert | BenchVue | web UI | Soft Front Panel | ľ | | _H |
| No Instruments Found COM (ASRL9 No Instruments Found COM (ASRL1 | d)) d (0) | | Firmw | ion Strin | on: A.O2 gs Address | .03-01.00-(| 02.01-00.0 |)2-02.00-1 Ali: | 03-02 | | SICI Address | 2 | | |
| No Instruments Found COM (ASRL1 No Instruments Found USB (USB0) | 1) d 970A, Keysight Techi ::0x2A8D::0x5101::MY | nologies 5803115 | Installed I <no i<="" td=""><td>VI Drivers</td><td>Ox2A8D::0</td><td>x5101::MY58</td><td>031158::0::</td><td>INST</td><td>Cut Copy Paste</td><td>Ctrl+X Ctrl+C Ctrl+V</td><td>sb0[10893::</td><td>2073</td><td>7::MY</td><td>58031158:</td></no> | VI Drivers | Ox2A8D::0 | x5101::MY58 | 031158::0:: | INST | Cut Copy Paste | Ctrl+X Ctrl+C Ctrl+V | sb0[10893:: | 2073 | 7::MY | 58031158: |
| | nstrument2 970A, Keysight Techi :::0x2A8D::0x5101::MY nstrument1 | nologies 58018590 | | | | | | | | | | Marca | ~ 10 | |

Open TQSoft (note this should be v7.1.241 or above)

Click 'Logger' then 'Select Type of Logger)

| 🚮 то | Data Acquisition System | | | | | | | | | |
|-------|---|--|--|--|--|--|--|--|--|--|
| Setup | Logger Thermal Bath Temperature Ref Data file man | | | | | | | | | |
| | View Channels | | | | | | | | | |
| | Select type of Logger/Recorder | | | | | | | | | |
| | Logger Control | | | | | | | | | |
| | Select Channel Configuration (Download) | | | | | | | | | |
| Ch | Digital IO | | | | | | | | | |
| | Calibration Files | | | | | | | | | |
| | Calibration Files Manual Adjust (Edit) | | | | | | | | | |
| | Calibration | | | | | | | | | |
| | Advanced Calibration | | | | | | | | | |
| | Calibration Records | | | | | | | | | |
| | Calibration Checking (Validation) | | | | | | | | | |
| | Calibration Checking Records | | | | | | | | | |
| | Channel Stability and Fluctuation | | | | | | | | | |

For TQSoft v7 select 'Agilent 24972A'

For TQSoft v8 select 'Keysight 970A'

Paste the VISA Address in the box provided and select 'OK'

| eysight 970A | | | · | |
|--|---|--|---|--|
| gilent inter and check his must be fou xpert program. Agilent IO Libr stalled before 80::0x2A8D::0x8 | the Agilent 'VISA'' nd in the Agilent C Connection Exper aries Suite which n connection with TC | address. onnection t is found nust be 2Soft 2Soft | | |
| ancel | Help | <u>о</u> к | | |
| | | | | |

A connection verification dialogue box should appear – select ok

TQSoft will ask you to select a channel configuration – do this and select 'ok Click 'Inputs Display' to check channels are showing correctly