SYSTEM OVERVIEW

1 **4D.WATCHER.CLIENT IPC** *1-027-XXX* 📄

4D.**watcher**.client is the frontend to you. It enables you to visualize and parametrize multiple 4D.**watcher**.cores. It is also your data hub as it retrieves all evaluated data of the connected cores.

IPC housing	4D 19" IPC 4RU with metal housing
Power supply	115 – 235 VAC multi-range, 50/60 Hz
Technical performance	Intel Core i5-13500 or better 16 GB DDR5-5600 or better 960 GB SSD + 960 GB SSD (OS + data)
Weight	~19 kg (~42 lbs)
Dimensions	WHD 430/176/465.2 mm

2 **4D.TWO + MOUNT** *1-025-XXX* + 1-023-034* 📄 **ask for your options*

3 **OPTICAL FIBER** *1-004-068* 📄

4 **FIBER COUPLER** *1-003-072* 📄

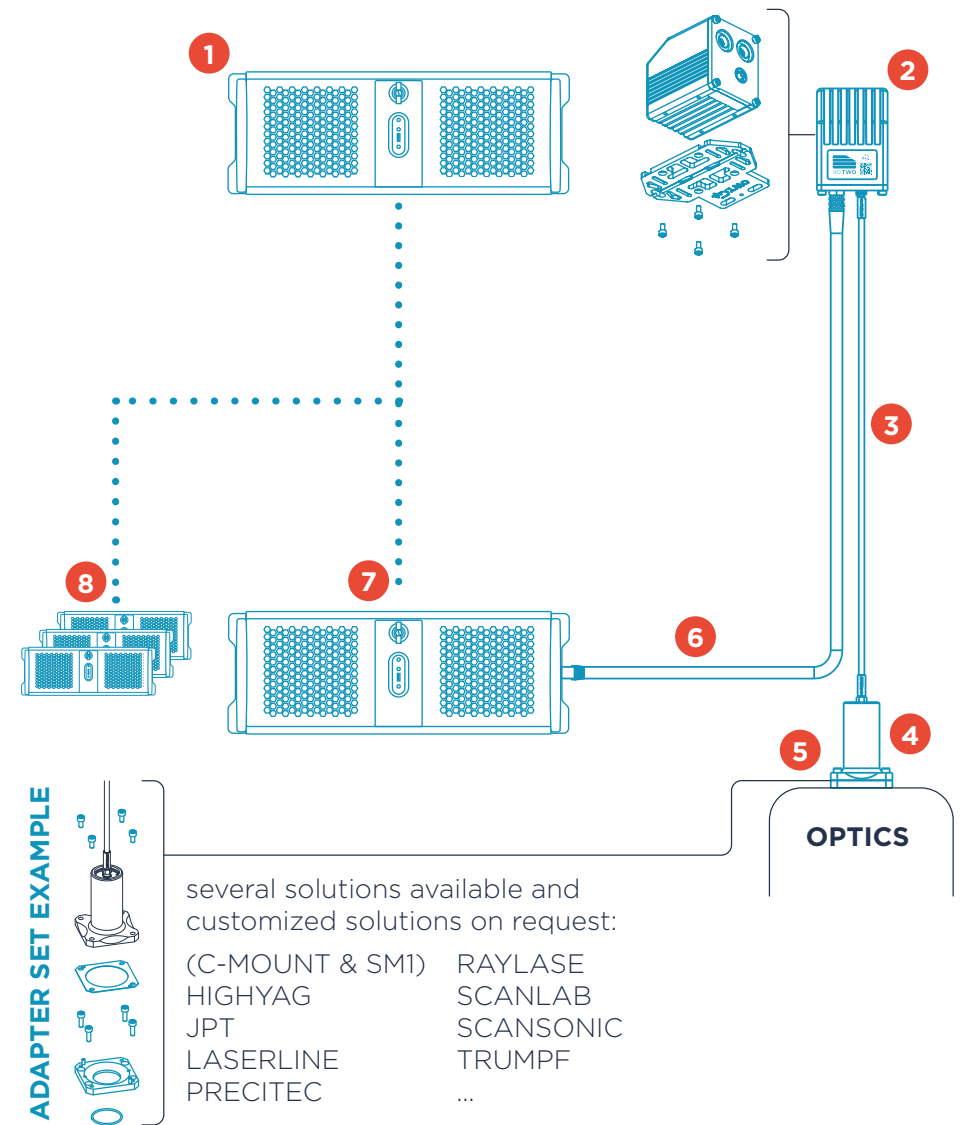**5** **ADAPTER** *1-003-XXX*

6 **SENSOR CABLE** *1-011-XXX* 📄

7 **4D.WATCHER.CORE IPC** *1-027-XXX* 📄

4D.**watcher**.core is receiving all the data – up to 1M samples/s – coming in from 4D.**TWO**. It synchronizes your PLC data and assigns part, group and seam numbers, combines multiple channels to your specification and takes care of the whole evaluation process.

IPC housing	4D 19" IPC 4RU with metal housing
Power supply	115 – 235 VAC multi-range, 50/60 Hz
Technical performance	Intel Core i5-13500 or better 16 GB DDR5-5600 or better 960 GB SSD + 960 GB SSD (OS + data)
Weight	~19 kg (~42 lbs)
Dimensions	WHD 430/176/465.2 mm

8 **MULTIPLE CORES** multiple 4D.**watcher**.cores can be visualized and parametrized with one 4D.**watcher**.client

ADAPTER SET EXAMPLE

OPTICS

several solutions available and customized solutions on request:

(C-MOUNT & SM1)	RAYLASE
HIGHYAG	SCANLAB
JPT	SCANSONIC
LASERLINE	TRUMPF
PRECITEC	...

📄 separate datasheet available for more information