

Quick Start Guide

pco.horizon™ TDI series

Hardware setup

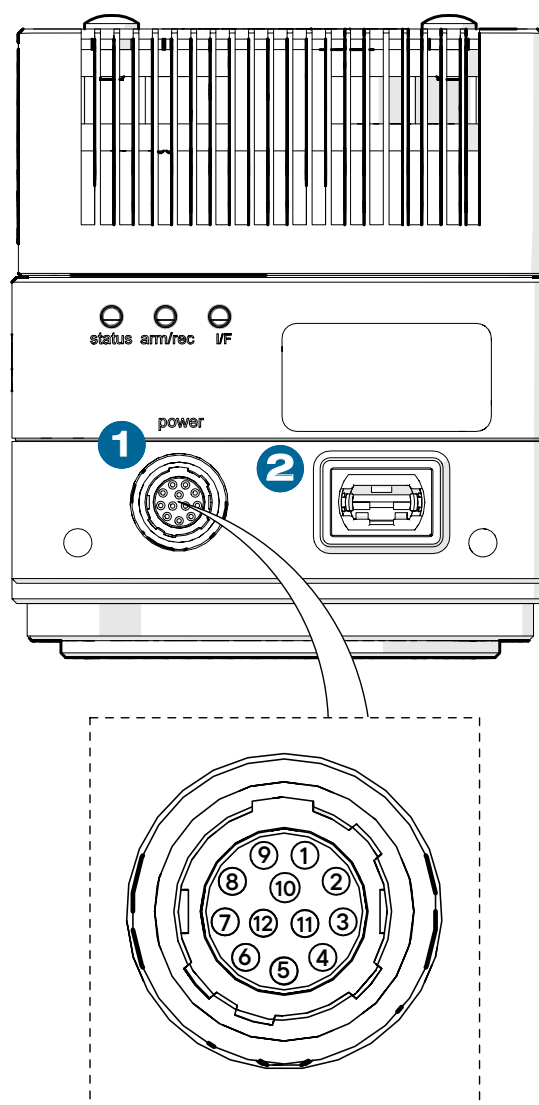

NOTICE:

Do not bend, kink, or sharply twist FOL cables. Minimum bend radius: 7.5 mm.
Do not force connectors. Ensure proper alignment; excessive force may cause damage.

- 1** Connect to power.
- 2** Remove all protective covers and connect the FOL cable to the frame grabber for data transfer.

Pin assignment

Pin	Signal
1	DGND
2	V+ Input
3	Trigger Line 1 (isolated)
4	Trigger Line 4 (isolated)
5	Trigger Line 0 (isolated)
6	Trigger Line 3 (isolated)
7	Trigger Line 2
8	Trigger Line 5
9	DGND
10	V+ Input
11	not used
12	GND (isolated)



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Setup checklist

Your computer:

- is equipped with the provided frame grabber (CLHS interface),
- has the latest version of **pco.camware** (or pco.vision™),
- has the latest version of the correct **PCO Driver** installed.

Your pco.horizon:

- is powered up and
- is connected to the computer via the provided FOL cable.



For initial focusing, place a stationary target with distinct vertical stripes (perpendicular to the sensor line) in the camera's field of view, as parallel features are not preserved in a stationary TDI image.

1 The camera switches on once powered up.

2 Start **pco.camware**.

3 Start **Live Preview**.

4 Right-click, check **Continuous Auto Range**.

5 If necessary, adjust the **Exposure time** or number of **TDI Stages**.

6 Check the image, use your lens or adapter to set the aperture and focus.

7 Once the object is in focus, end **Live Preview** and click **Record**.

