PhotonWarrior28A2
Photoamplifier with USB

Features

- Selectable amplification
- Amplification factors from 10^3 to 10^8
- Amplicifaction accuracy ±0.6 %, 25 ppm/K
- Standard photodiode: BPX65, 1mm^2
- 1.8 m cable with USB A plug
- SM05 internal thread for optics and adapters
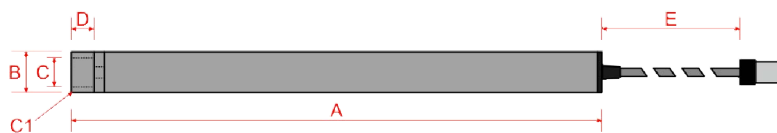- Mechanical dimensions: 123 mm x 17.9 mm (1/2")

PhotonWarrior28A2 is an easy to use photo amplifier. By integrating the complete electronics including power supply and ADC into a 1/2 inch stainless steel tube and reducing the external connections to just a USB interface it is plug n' play.

Six amplification factors ranging from 10^3 to 10^8 offer a wide measurement range. The signal is digitized with 12 bit resolution and supplied at 1 kHz via the USB. Internal 16 times oversampling reduces noise to a minimum.

Software support

PhotonWarrior28A2 identifies itself to the host as standard USB joystick. This means it works on all major platforms without special drivers or proprietary APIs - the operating systems built in drivers and API are sufficient. Since many standard software packages can read joystick data directly, integrating PhotonWarrior28A2 into your lab setup is straightforward.

We also provide free tools and sample code for Windows and Linux. This makes use and development very easy.

	Size
A	123.0 mm
B	Ø 17.9 mm
C	Ø 12.9 mm
C1	SM05 thread
D	10.0 mm
E	ca. 1800 mm

Ordering and packaging

Part No.: PW28A2-01-USB

Comes individually packaged in a durable ABS box.

For alternative photodiodes contact **sales@codemercs.com**