

D320-SI

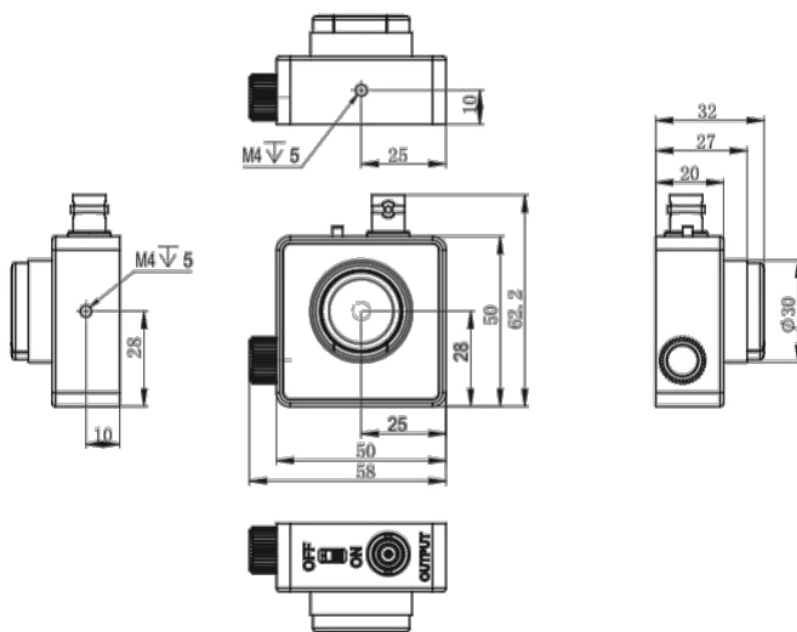
D320-SI Pulse Photodetector

D320-SI biased photodetector for laser pulse measurements.

Detector specifications

Parameter	Specification
Model	D320-SI
Wavelength range	320-1100 nm
Sensitive area	75.4 mm ² ; Ø9.8 mm
Material	Si
Rise time	35 ns
Bandwidth	10 MHz
NEP	$2.4 \times 10^{-14} \text{ W/Hz}^{0.5}$
Dark current	0.9 nA typical; 10 nA maximum
Warranty period (listed)	1 year
Amplifier / bias	Built-in 12 V bias battery
Load	50 Ω external load recommended
Optical attenuation	Removable attenuator
Fibre coupling	SM1 optical adapter

Technical figures



D320-SI mechanical outline

Conditions and configuration notes

Match optical power and spot size to the detector and attenuation. The oscilloscope, cable and termination affect the observed pulse response.

Prepared by Precisometer. Technical review: 24 October 2026. Confirm the supplied configuration, measurement conditions, accessories and warranty with the quotation.

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