

Picosecond high speed ICCD camera family: 4 Picos

Highlights

- Gate time down to 200ps
- High resolution images
- Superior image quality
- Highest exposure repetition rate
- Single photon detection
- Spectral sensitivity from UV to NIR
- Light and compact design



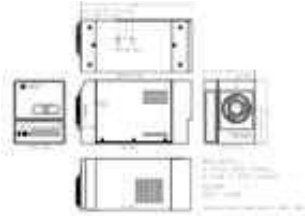
Products

- [Picosecond ICCD Camera](#)
- [Nanosecond ICCD Camera](#)
- [Framing ICCD Camera](#)
- [Image Intensifier Module](#)
- [4 Spec E Software](#)
- [ICCD camera accessories](#)

[4 Picos Brochure](#)



[Technical drawing](#)



[Applications:](#)

- [High speed photography](#)
- [Plasma expansion dynamics](#)
- [3D gated viewing](#)
- [Laser radar](#)
- [Fusion Reaction Diagnostic](#)
- [Fluorescence lifetime \(FLIM\)](#)

- Overview
- Technical Details
- FAQ
- Publications

4 Picos ICCD Camera - fastest intensified CCD camera

ultra fast gated ICCD camera

Based on 30 years of excellence in the development and progression of world-class, fast-gated Intensified CCD (ICCD) cameras, Stanford Computer Optics sets new standards of rapid, picosecond time-resolved spectroscopy and imaging with the introduction of the 4 Picos ICCD camera family.

The **4 Picos ICCD camera** series contains the very best from CCD sensor and gated image intensifier technologies. It is achieving a superior combination of rapid acquisition rates and ultra-high sensitivity down to single photon. Exceptional detection performances are accessed through high quantum-efficiency (QE) image intensifiers, up to 3.3 MHz photo-cathode gating rates (burst).

Extremely low jitter, low insertion delay gating electronics and picosecond-scale optical gating provide excellent timing accuracy down to 10 picoseconds, allowing ultra-precise synchronization of complex experiments through 4 Picos ICCD camera series comprehensive range of triggering options and input/outputs interface.

