



CCD CAMERAS

ICCD CAMERAS

IMAGE INTENSIFIERS x

ACCESSORIES

»» TauTec: Time-Resolved Imaging, Microscopy & Spectroscopy »»

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Image Intensifier Upgrades

The **intensifier upgrade** is a modular gated image intensifier for upgrades of CCD cameras allowing ultra-fast gating down to 50ps combined with low-light level imaging.

The image intensifier is modularly lens coupled to the CCD. This allows most flexible use of CCD camera and intensified camera system. Different photocathodes and phosphor screens are available with 18mm or 25 mm intensifier.

FEATURES:

- GEN II/III
- Photocathode type: S20, S25, GaAsP
- Photocathode size: 18mm or 25mm
- Phosphor: P43 (slow), P46 (fast)
- High Spatial Resolution
- High Speed
- Minimum Exposure time: 50ps
- Gating Repetition Rate: up to 110MHz Time Domain
- Gain Modulation: up to 1GHz Frequency Domain
- Coupling to CCD: Relay lens or FO
- Optical Input: C or F mount, Spectrograph (customized)
- Cooled

APPLICATIONS:

- Low Light Imaging
- Time-Gated Imaging
- Time-Gated Spectroscopy
- Fluorescence Lifetime Imaging Microscopy

Image Intensifier Upgrades

Intensified Relay Optics IRO: GEN II/III, 18/25mm diameter, exposure time down to 5ns, slow (P43) or fast (P46) phosphor, optical input C or F mount,



relay lens coupling to CCD.