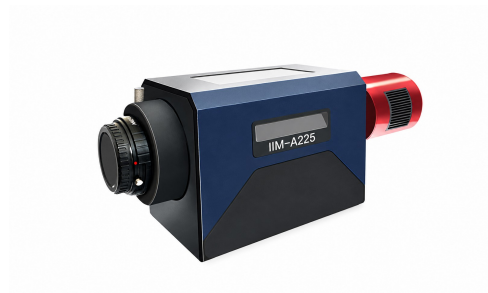


IIM-A / IIM-B / IIM-C

IIM Camera Image-Intensifier Modules

A lens-coupled intensifier module adds low-light sensitivity to a compatible high-speed camera or spectrograph. Desktop, remote-control and manual configurations share a 25 mm intensifier format.

Best suited to: Upgrading an existing camera for weak-light high-speed imaging.



Configuration

Check the host sensor size, lens mount and required gate operation. A large intensifier does not automatically illuminate every sensor corner; choose relay magnification and photocathode to match the optical image.

Specifications

Published parameters	
Current model codes	IIM-A225 / IIM-B225 / IIM-C225
Intensifier	25 mm, dual MCP
Photocathode	S20
Phosphor	P46; <300 ns decay
Spatial resolution	≥20 lp/mm
A/B optical gate	3 ns–DC
A/B gate / delay step	1 ns
A/B trigger repetition	0.01 Hz–300 kHz

Measurement features

- 1:1 relay optics with Nikon F interfaces; C-mount adapters optional.
- Mechanical shutter and 25 mm filter slot.
- A/B versions support gate and delay control; C is manual continuous operation.

Full configuration: www.precisometer.com/spectroscopy/spectral-imaging/iim