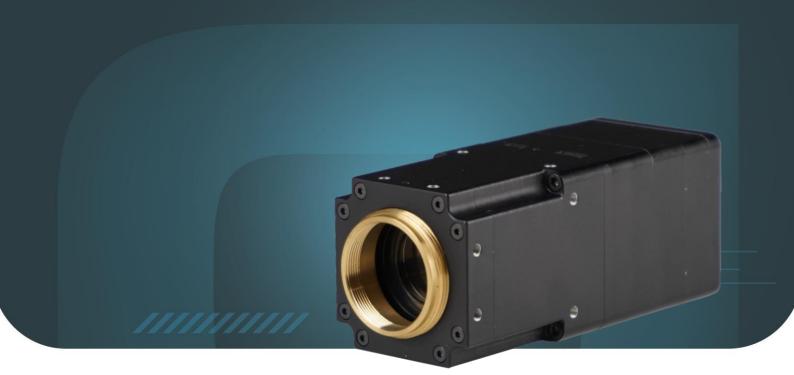
ULTRA SENSITIVE INTENSIFIED CAMERA



iNocturn Series



HIGH SENSITIVITY CAMERA WITH FAST GATING CAPABILITY

KEY FEATURES



PHOTONIS EXPERTISE COMBINING IN-HOUSE IMAGE INTENSIFIER TUBE + CMOS SENSOR

ULTRA SENSITIVE



HIGH SPATIAL RESOLUTION

The superior intensified camera extracting the best of image intensifier tube and sensitive low light camera

The iNocturn series features a unique combination of ultrasensitivity, low SWaP, high frame rate, high-QE photodetectors, and nano-second gating

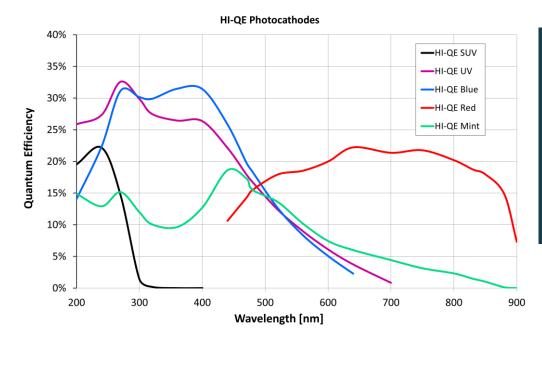
GATING CAPABILITY

iNocturn Series

SPECIFICATIONS

Camera resolution	1280 x 1024 pixels	 Key technical features Gating capability Video output: HD-SDI, Camera Link or PAL/NTSC, USB 3.0
Frame rate	Up to 100 fps at full resolution	
Spectral range	200 – 1100 nm subject to photocathode choice	
Gating options	Gated or non-gated	
		Applications
Minimum detection capability	Up to single photon	 Corona Discharge Detection Quantum Computing Armored Vehicle Surveillance Operations
Connection	PAL/NTSC, CameraLink, HD- SDI, USB 3.0, LVCMOS	
Lens mount	C-mount	
Operational temperature	-10 C to +55 C	

VARIOUS PHOTOCATHODES FOR TARGETED WAVELENGTH DETECTION



Thanks to a choice of various photocathodes, the iNocturn covers different ranges of wavelengths from UV to Near Infrared enabling the user to focus on a specific range of wavelength for a particular application



advancedimaging@exosens.com



in 🗙 f 🔚 exosens.com



© Photonis. The information furnished is believed to be accurate and reliable, but is not guaranteed and is subject to change without notice. No liability is assumed by Photonis nor by any Exosens Group companies. Performance data represents typical characteristics as individual product performance may vary. Customers should verify that they have the most current Photonis product information before placing orders. Texts and pictures may not be considered as contractually binding. This document may not be reproduced, in whole or in part, without the prior written consent of Photonis.