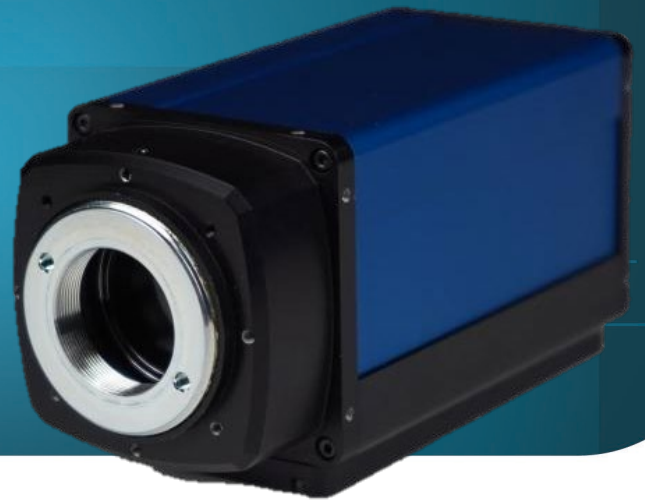


INTENSIFIED UV CAMERA

PHOTONIS
EXOSENS GROUP

i2Nocturn series



*SLEEK DESIGNED INTENSIFIED CAMERA
FOR EXCEPTIONAL UV IMAGING*

KEY FEATURES



**UV-C SENSITIVE
INTENSIFIED CAMERA**



VERY LOW NOISE



SINGLE PHOTON DETECTION



**TYPICAL 1 000 000 GAIN
(DOUBLE MCP)**

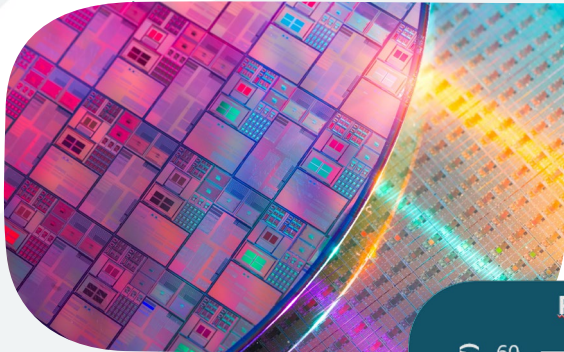
The i2Nocturn series offers superior performance of UV imaging up to single photon counting detection, optimized for UVC region (190 – 300 nm).

This robust intensified camera is equipped with low noise image intensifier tube to generate clear UV images.

i2Nocturn series

OPTIMAL PERFORMANCE UV INTENSIFIED CAMERA

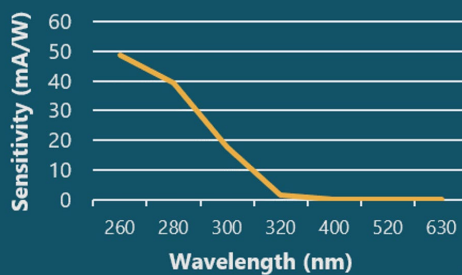
WAFER INSPECTION



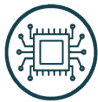
CORONA DISCHARGE IMAGING



Photocathode Sensitivity

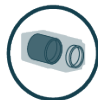


KEY TECHNICAL DATA



HIGH RESOLUTION

1936x1216 pixels



ADVANCED PHOTOCATHODE

190 - 300 nm



HIGH FPS

Up to 50.8fps at full resolution



POWER CONSUMPTION

< 6 W



VIDEO OUTPUT

GigE

The i2Nocturn series features high suppression of light, enables UV signal detection up to single photon while using in sunlight conditions.

Applications

- ◆ Plasma Discharge
- ◆ Corona Discharge Detection
- ◆ Semiconductor Inspection
- ◆ UV Emission Characterization



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