PHOTONIS
Digital Vision

NOCTURN

ULTRA SENSITIVE **INTENSIFIED** CAMERA

Detect at each wavelength from UV through NIR

SUV

RED

UV

GREEN

BLUE

MINT

Easy to integrate

Smart tube management

Ultra sensitive

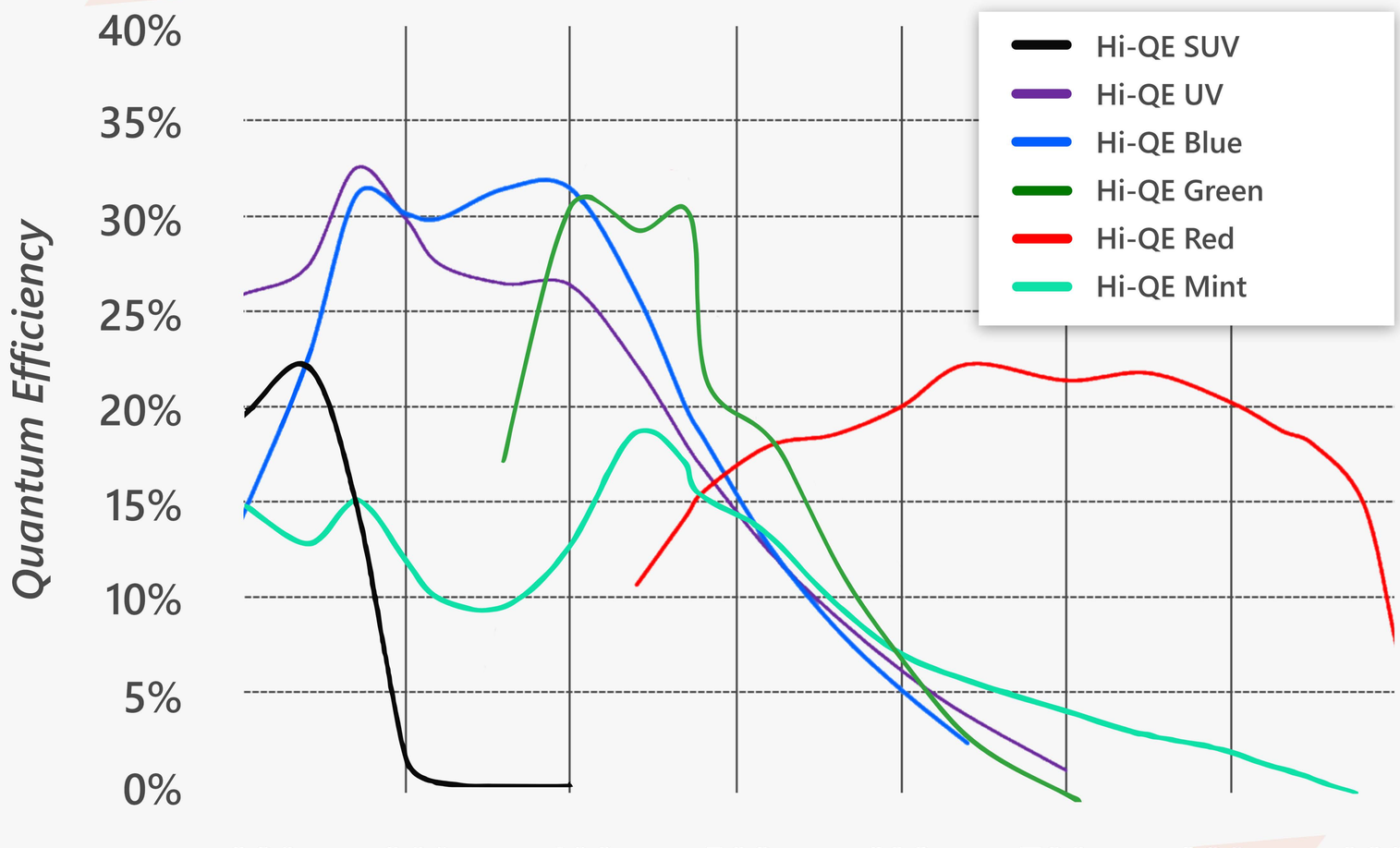
Multiple video connectivity

NOCTURN

Applications

- Fluorescence imaging
- Subsea imaging
- Active imaging
- Electrical discharge detection
- Radioactive source detection
- Wafer inspection
- Spectroscopy
- Microscopy
- Industrial imaging

HI-QE Photocathodes



Specifications

Camera resolution	1280x1024 pixels
Frame rate	Up to 100 fps at full resolution
Spectral range	200 - 1100 nm subject to photocathode choice
Gating options	Non-gated, Auto-gated, Fast-gated (up to 3 ns)
Minimum detection capability	Up to single photon
Connection	PAL/NTSC, CameraLink, HD-SDI, USB 3.0, LVCMOS
Lens mount	C-mount
Operational temperature	-10°C to +55°C

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