

VERSATILE **24/7** IMAGING

**BORDER PATROL
POLICE LAW ENFORCEMENT
OBSERVATION & SURVEILLANCE**



PLUG & PLAY GYROSTABILISED PAYLOAD

Built in partnership with AerAccess

The plug & play gyrostabilised payload combines high quality sensors for surveillance and security missions above all. The lightweight and compact size of the Plug & Play payload, with a fully gyrostabilized system capable of 360° yaw and 90° pitch, brings an easy ready to use solution for the operator. Plug and play for field operation with dual transmission in real time, the payload offers a wide range of possibilities in terms of use.

The main distinctive markets for this system are:

- Border patrol
- Police law enforcement
- Observation & surveillance
- Maritime



SENSOR	
Resolution	1280 x 1024 pixels
Pixel Pitch	9.7 μm x 9.7 μm
Sensor format / Diagonal	14.8 mm x 12.74 mm / 16 mm
Full well capacity	> 25000 E
Read noise	> 60DB
Quantum efficiency	< 4E mean at frame rates up to 100 hz
Frame rate	> 80% at peak
Shutter mode	Up to 100 hz with full field resolution rolling
FEATURES	
Image lag	>0.1%
SNR	42 DB
Read-Out modes	Window Y-direction X-Y Mirroring
Multi-slope	Three slopes
PRNU	51 lp/mm (1280 lines), < 2% RMS
ENVIRONMENT	
Image lag	73 PIN PGA
SNR	23 x 23 mm
Multi-slope	10-bit, digital outputs (LVDS) up to 100 FPS at full resolution
Limiting resolution	< 425 MW @ 60 FPS < 450 MW @ 100 FPS

Photonis Netherlands B.V.

Dwaziewegen 2,
9301 ZR Roden,
Netherlands
T +31 (0)505 01 88 08
F +31 (0)505 01 14 56
E nightvision@photonis.com
W www.photonis.com

Photonis Technologies S.A.S.

Avenue Roger Roncier,
19100 Brive-la-Gaillarde,
France
T +33 (0)555 86 37 00
F +33 (0)555 86 37 74
E nightvision@photonis.com
W www.photonis.com

Photonis Digital Imaging, LLC

6170 Research Rd, Suite 208
75033 Frisco, TX
USA
T +1 (469) 713-6108
F +1 (469) 713-2880
E imaging@photonis.com
W www.photonis.com

www.photonis.com

Photonis Technologies S.A.S. 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 for its use. 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. No claims or warranties are made as to the application of Photonis products. 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.