

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