

# AIRBORNE EO/IR PAYLOADS

High Performance Stabilized Payloads For Airborne Applications



T-STAMP



TR-STAMP



SHAPO



QUAD / QUAD-HD



DSP-1



DSP-HD



LDP

## Key Features:

- 3 or 4 Gimbal systems.
- Gyro-stabilized.
- High performance for low weight ratio.
- Low power consumption.
- Easy integration.
- EO/IR multi sensor systems: EO, IR, EO Spotter. LRF, LP and Laser Designator (optional).
- Customized options.

## Modes of Operation:

- Observation Mode (Joystick Rate Mode).
- Inertial Target Tracking Mode.
- Hold Coordinate Mode (optional).
- Point to Coordinate Mode (optional).
- Pilot Window.
- Video Tracker (optional).

## Platforms:

- UAVs.
- Helicopters.
- Fixed-wing Aircraft.
- Aerostats.
- High Masts.
- Surveillance Vehicles.
- Patrol Boats & Ships.



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	T-STAMP	TR-STAMP	SHAPO	QUAD	QUAD-HD	DSP-1	DSP-HD	LDP
<b>Gimbal</b>	3					4		
<b>Weight</b>	3.3 kg	5 kg	10 kg	21 kg	22 kg	29 kg	32 kg	
<b>Dimensions</b>	H: 274mm D: 178mm	309mm 212mm	328mm 240mm	430mm 305mm	471mm 330mm	500mm 354mm	571mm 354mm	
<b>Field Of Regard</b>	360°xN 10° to -100°		360°xN 30° to -105°	360°xN 105° to 30°		360°xN 30° to -110°	360°xN 70° to -110°	
<b>IR Camera</b>	3-5µm IR	3-5µm IR	3-5µm IR	3-5µm IR		3-5µm IR		
<b>FOV</b>	22° - 3°	25.5° - 1.7°	25.5° - 1.7°	27° - 2.2°		27° - 0.76°		
<b>Zoom Power</b>	X7	X15	X15	X12.5		X36		
<b>Day Channel</b>	HDTV (Crop Mode)		CCD	CCD	HD CCD	CCD	Full HD	CCD
<b>FOV</b>	40° - 2°		40° - 1.8°	57° - 1.7°	55° - 2°	13.6° - 0.7°	50° - 3°	13.7° - 0.7°
<b>Zoom Power</b>	X10		X22	X36	X18	X20	X15	X20 (X60) or Full HD
						3CCD (optional) 18° - 0.9° X20	Full HD spotter 1° (0.7° optional)	
<b>Options</b>								
Laser Pointer	-	-	✓	✓	✓	✓	✓	✓
LRF	-	✓	✓	✓	✓	✓	✓	✓
Laser Designator	-	-	-	-	-	-	-	✓

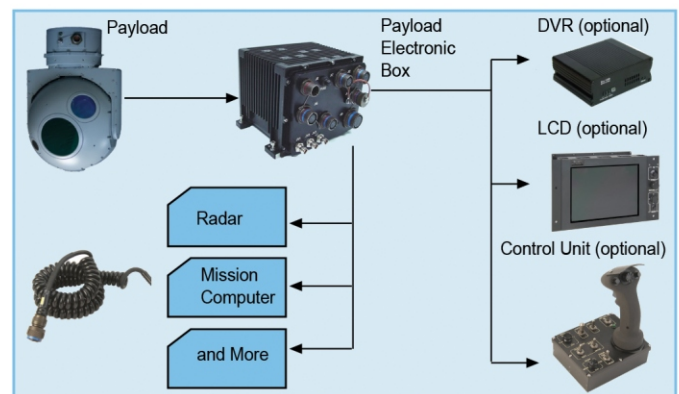
\*e = electronic zoom

## Applications:

- Border Patrol.
- Coast Guard and Sea Patrol.
- Police Multi Missions.
- Search and Rescue (SAR).
- Anti-terrorist Surveillance.
- Anti-smuggling Surveillance.
- Oil Spill Detection.
- Oil Pipeline Patrol.

## Options:

- Integrated INS/GPS on Line of Sight (LOS) for Point to Coordinate capability.
- Hand Control Unit.
- Low weight PEB - 1.5 Kg (for SHAPO, DSP, LDP).
- DVR.



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