



Fast Deployment Application



FOB Application



UGV Application



Asp

Pan & Tilt Head



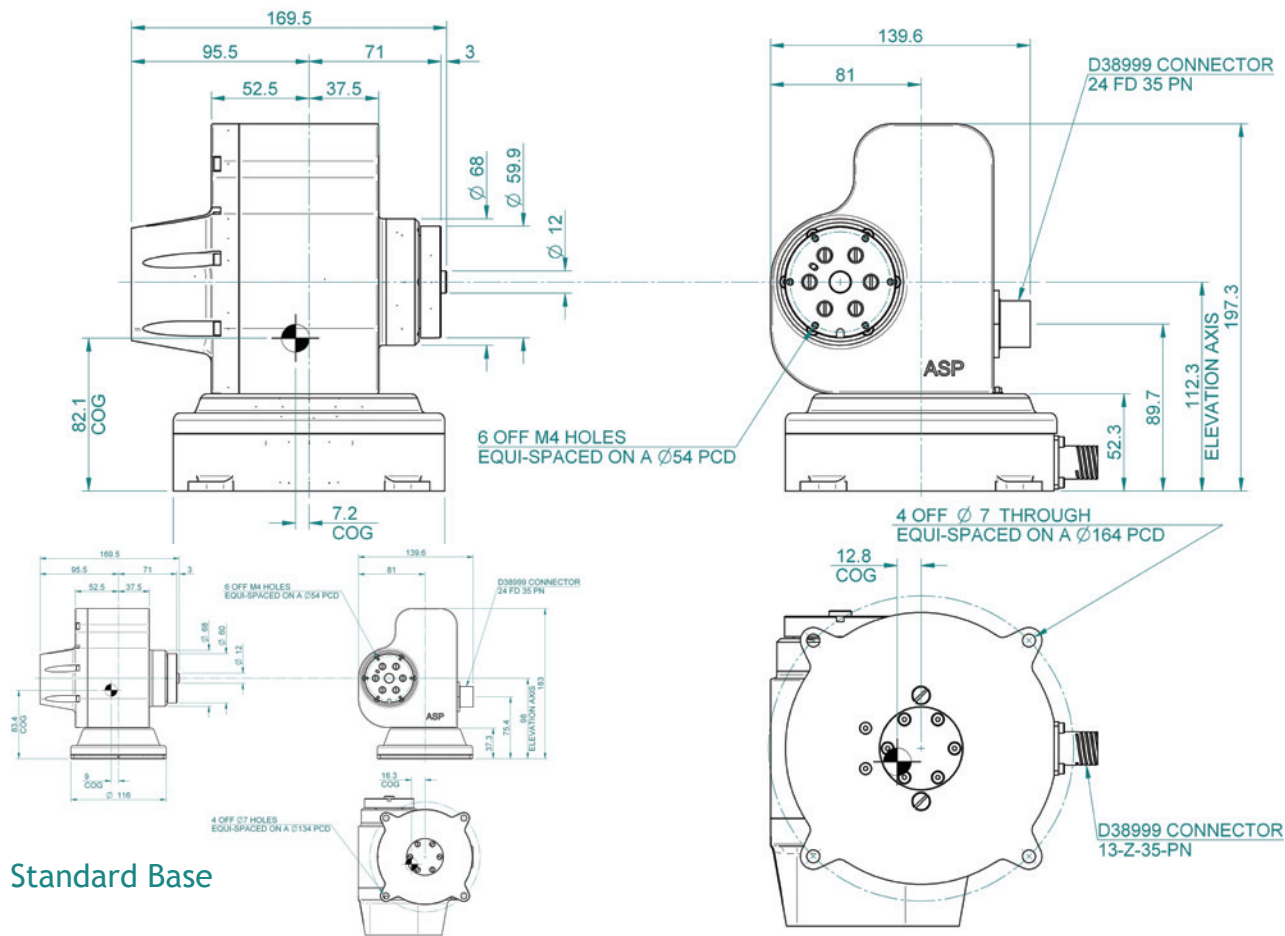
The ASP Pan & Tilt Head (PTH) is a small, lightweight dual axis platform, particularly well suited for Unmanned Ground Vehicles (UGVs), Remote and Security Vehicles.

ASP's compact, but rugged form and simple mounting interfaces make it ideal for fast tripod deployment in harsh military environments, meaning it would be well suited to Special Forces applications. The ASP is designed to operate in exposed military environments and therefore is only available in enhanced COTS versions. It's small size also makes it the perfect PTH for discreet base surveillance monitoring and situational awareness for small armoured vehicles.

- Compact & robust design
- Configurable payload mounting
- Ideal for use on UGV & armoured vehicles
- Cost effective base surveillance & situational awareness
- Reliable performance in extreme environments
- Fast tripod deployment

Small compact high performance for Vehicle, Tripod, or Land based surveillance





Standard Base

Asp Specifications

Platform Mass	3Kg		
Payload Mass	5Kg dynamic - 2.5Kg static balances		
Performance	Limited Rotation	Continuous Rotation	
Azimuth	Mechanical	±200°	-
	Electrical	±195°	-
	Software	±190°	-
	Speed	50°/s	
	Pointing Accuracy	0.01°	
Elevation	Mechanical	Range Total 125°	
	Electrical	Range Total 120°	
	Software	Range Total 115°	
	Speed	50°/s	
	Pointing Accuracy	0.01°	
Power Supply	10-32V DC		
Power	30 Watts		



Chess Dynamics designs and manufactures:

- Security and Surveillance Systems
- COTS, Military Systems
- Single & Multi-Axis Platforms & Directors
- Motion Stabilisation
- Tracking / Positioning
- Satellite Communications / Telecoms
- Optical / Vision Systems

Chess Dynamics prides itself on developing specialist electro-mechanical servo equipment and associated sensors to the highest standards using modern technology.

Why not let Chess Dynamics help you develop high performance systems that meet the stringent demands and specifications that are required in today's competitive international environment ?

For additional information or questions, please do not hesitate to contact us at the address below or visit our website.