

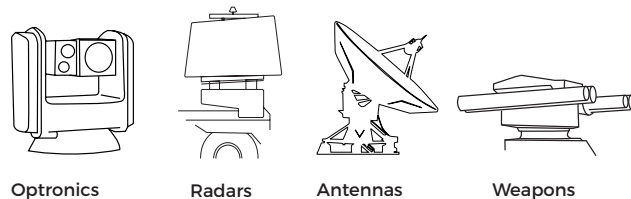
# STABILIZED PLATFORMS

## A comprehensive range of stabilized platforms for all payloads & applications

iXblue has developed a comprehensive range of two-axis stabilized platforms perfectly suited for all on-the-move applications requiring both heavy payloads stabilization (up to 200kg) and highly-accurate Line Of Sight (down to 10  $\mu$ rad class).

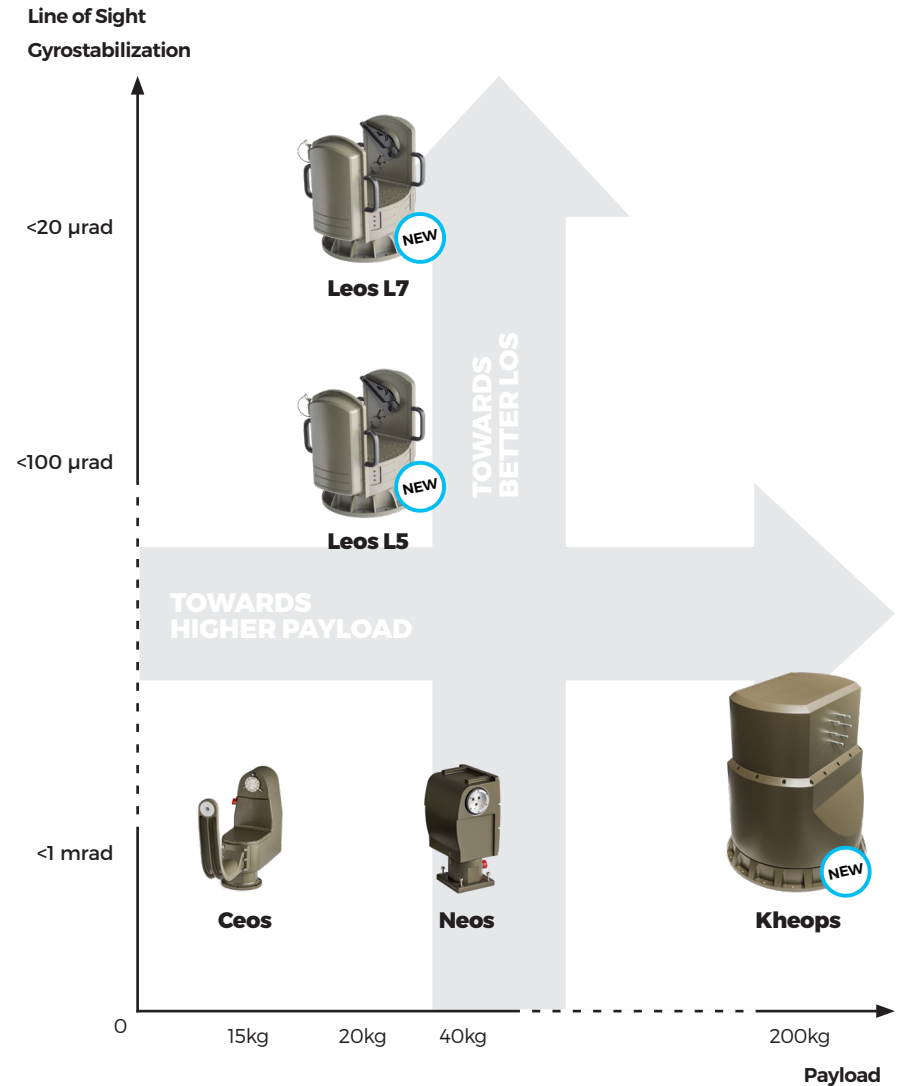
Striving to be at the forefront of technological innovation, iXblue teams of experts constantly push back the limits of science to design and manufacture cutting-edge platforms to stabilize the heaviest payloads available while providing the most accurate Line Of Sight possible.

Thanks to its recognized expertise, iXblue combat-proven technology has now been chosen to provide reliable stabilization, accurate pointing, as well as precise positioning and orientation to numerous military forces, police and security services worldwide.



### Key benefits

- Off-the-shelf turrets and tailor made
- ITAR-free
- Standard communication protocol
- Harsh environment and combat-proven





**OSIRIS**



**CEOS**



**NEOS**



**LEOS L5**



**LEOS L7**



**KHEOPS**

MAIN CHARACTERISTICS & PERFORMANCE	OSIRIS	CEOS	NEOS	LEOS L5	LEOS L7	KHEOPS
<b>GYROSTABILIZED LINE OF SIGHT</b>	<1mrad	<1mrad	<1mrad	<100 μrad	<20 μrad	<1mrad
<b>TYPE OF PAYLOAD</b>	In one piece	In one piece	One, two or three pieces	In one piece	In one piece	One or two piece
<b>NOMINAL PAYLOAD* (GROUND FIXED SYSTEM)</b>	up to 50 kg	up to 30 kg	up to 60 kg	up to 40 kg	up to 40 kg	up to 400 kg
<b>NOMINAL PAYLOAD* (GROUND MOBILE SYSTEM)</b>	up to 30 kg	up to 15 kg	up to 40 kg	up to 20 kg	up to 20 kg	up to 200 kg
<b>POSITION ACCURACY</b>	Azimuth ≤ 0.05°	Azimuth ≤ 0.05° Elevation ≤ 0.01°	≤ 0.01°	≤ 0.01°	≤ 0.01°	≤ 0.01°
<b>ANGULAR SPEED</b>	up to 180°/sec	up to 60°/sec	up to 60°/sec	up to 120°/sec	up to 120°/sec	up to 50°/sec
<b>ANGULAR ACCELERATION</b>	up to 200°/sec <sup>2</sup>	up to 60°/sec <sup>2</sup>	up to 90°/sec <sup>2</sup>	up to 150°/sec <sup>2</sup>	up to 150°/sec <sup>2</sup>	up to 150°/sec <sup>2</sup>
PHYSICAL CHARACTERISTICS						
<b>DIMENSIONS</b>	550 x 220 x 290mm <sup>3</sup>	320 x 165 x 385mm <sup>3</sup> (without arm)	230 x 285 x 535mm <sup>3</sup> (with bridge)	Diameter 500 x 500m <sup>3</sup>	Diameter 500 x 500m <sup>3</sup>	Diameter 750 x 900m <sup>3</sup>
<b>WEIGHT</b>	22kg	12kg	24kg	45kg	45kg	<300kg
<b>QUALIFICATION</b>	MIL-STD 810, 461 and 1275					
<b>OPERATING TEMPERATURES</b>	-32°C to +71°C					