



*Integrated Gimbal 2 $\theta$*

## 1 - Application

Beam scanner  
Industry and research

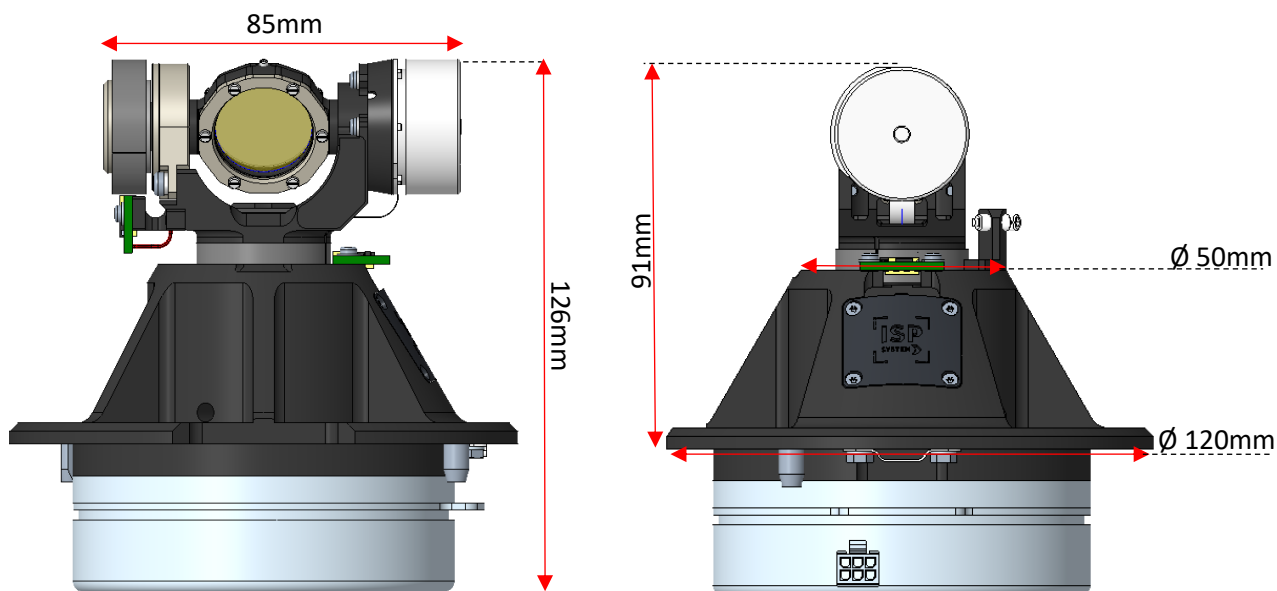
## 2 - Description

- 2 $\theta$  integrated system
- Motor brushless
- Incremental rotary encoder 13bits
- Aluminum structure
- Sub-D9 connectors
- 1" Optical barrel
- Gap between active surface and rotation axis < 50 $\mu$ m

### 3 – Technical data

CARACTERISTICS		SPECIFICATIONS	
OPERATING MODES	Trajectory	Scan	
Mechanical travel	±10°		
Resolution	0,015 mrad		
Max speed	1200 rad/s		
Max acceleration	70 krad/s <sup>2</sup>		
Repeatability	0,15 mrad		
Accuracy during movement	2 mrad	0.45 mrad	
Total size	Ø120 x 126 mm		
Visible size	Ø120 x 91 mm		
Mass	1,5kg		
Main supply	24 VDC, 15 A max		
Controller	2-axis controller, analog input +/-10VDC Numerical communication Ethernet Multilanguage interface (Python, C, .NET)		

### 4- Dimensions



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