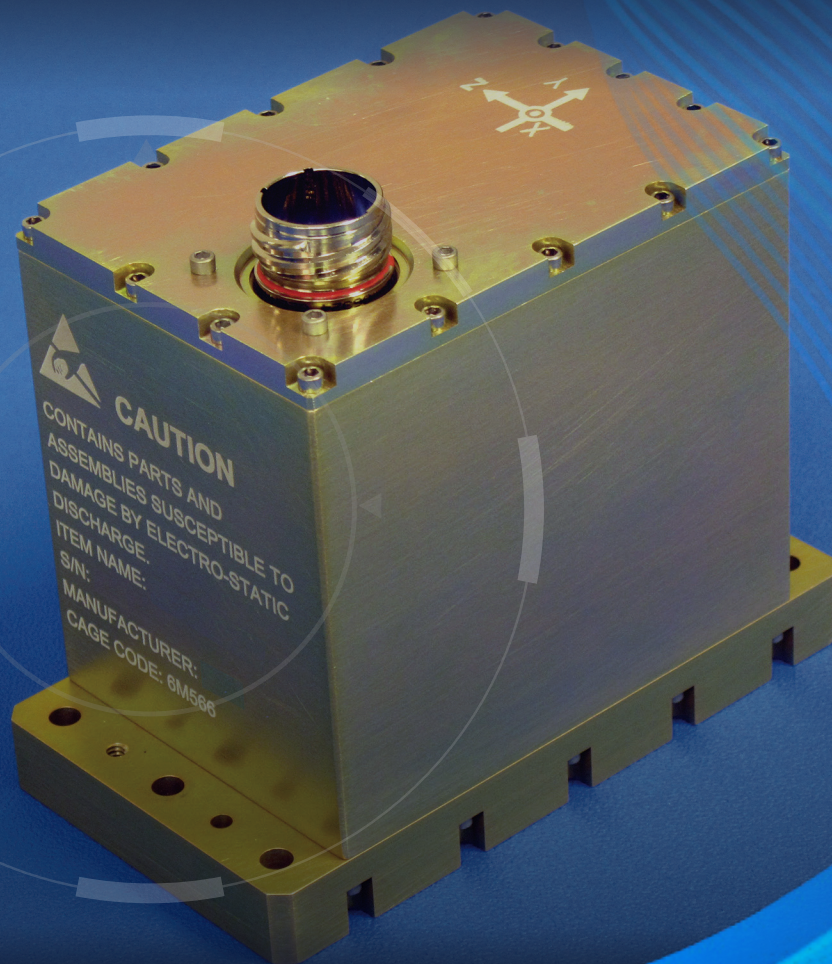


# Dynapak 14

## 3-Axis ARS-14 Sensor Packages







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## Dynapak 14 3-Axis ARS-14 Sensor Packages

Designed to measure jitter from airborne mirrors, optical systems or lasers, and for accurate line-of-sight imaging platform stabilization, the Dynapak 14 triaxial sensor packages measure ultra-low level angular jitter in the sub-microradian regime. All Dynapak 14's exhibit noise equivalent angles (NEAs) of less than 30 nanoradians rms over a 2-1000 Hz integration bandwidth. Dynapak 14 outputs are typically in angular rate, but custom sensor packages can be produced where the output signal has been conditioned to provide a measure of angular displacement. Selectable high and low gain can also be provided on a custom basis to provide a large dynamic range measurement. Custom scale factor and bandwidth sensor packages can also be provided. Custom space-qualified 3-axis packages are also available.

## Features

Custom sensing packages are available including scale factor, supply power, mechanical/mounting features, etc. Contact BlueHalo with your custom angular jitter sensing requirements.



Feature	Capability	Unit Comments
Size	2.5W x 4.5L x 3.6H 6.4W x 11.4L x 9.1H	inches centimeters
Weight	2.9 1.3	pounds kilograms
Power Supply	±15	VDC (Dual)
Power Dissipation	<1.5	Watts
Scale Factor	100 (Custom Available 10-250)	Volts/(radian/sec) (Standard, other scale factors available on request)
Range	±0.1 (Custom Available ± 1-0.04)	radian/sec (Based on ±10V output to data acquisition system)
Bandwidth	2-1000	Hz (-3 dB points)
Noise Equivalent Angle (2-1000 Hz Bandwidth)	<30	nanoradians rms
Temperature Operating Non-Operating	-30 to +60 -30 to +70	°C °C

Specifications are subject to change without notice.