Leica PAV200

New gyro-stabilised sensor mount

Increased flexibility

Experience more flexibility and improved performance with the Leica PAV200 sensor mount. The industry-leading stabiliser offers more accurate and advanced dynamic compensation during data collection. Benefit from the additional mounting hole access from above, making the installation process simpler and more flexible.

Maximum performance

The Leica PAV200 delivers maximum performance with the innovative adaptive control algorithm that automatically optimises response for various systems and conditions. The lower profile enables increased compensation range in challenging installations and the lower weight increases fuel payload for longer missions.

Expanding installations

Supporting forward and reverse installations, the Leica PAV200 increases the flexibility and efficiency of every flight by reducing the number of flight lines required. Flawless drift compensation makes lines easier to fly in challenging crosswind conditions, providing the same excellent stabilisation accuracy as Leica PAV100-HPH mount in a smaller package.

- when it has to be **right**

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Leica PAV200 product specifications

OPERATIONAL	
System compatibility	CityMapper-2, TerrainMapper-2, ContentMapper and DMC-4
Adapter compatibility	PAV spacers, Leica Pod Lifter Heavy Load and Pod Adapters
Stabilisation range in roll	-7° to +7°
Stabilisation range in pitch	-8° to +6°
Stabilisation range in drift	-30° to +30°
Typical residual deviation from vertical*	< 0.02° RMS
Typical residual deviation from drift*	< 0.02° RMS, depends on GNSS/IMU
INTERFACES	
GNSS/IMU system	NovAtel SPAN (part of installed sensor system)
Power	From installed sensor system
MECHANICAL	
Sensor hole	410 mm diameter
Dimensions (L x W x H)	674 mm x 530 mm x 204 mm
Weight excluding sensor adapters	36.0 kg
ENVIRONMENTAL	
Operating temperature	-20°C to 55°C
Storage temperature	-40°C to 85°C
Pressurised aircraft / non-pressurised	ICAO 50,000 ft / ICAO 25,000 ft
Humidity	0% to 95% RH according to ISO7137 (non-condensing)
APPLIED STANDARDS	
General	ISO 7137, RTCA DO-160-G, EUROCAE-14G
CONFORMITY	
Conformity to national regulations	CE, FCC Part 15

* For photo flight situations, i.e. aircraft angular motion < 10°/s and with typical aircraft photo flight frequency spectrum

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