

ASPIRE 350 SATELLITE COMMUNICATIONS SYSTEM

Connectivity is everywhere – from our homes to our cars, to our offices and to airplanes. For aircraft operators, connectivity presents a new set of operational, efficiency and comfort benefits that were previously unavailable.



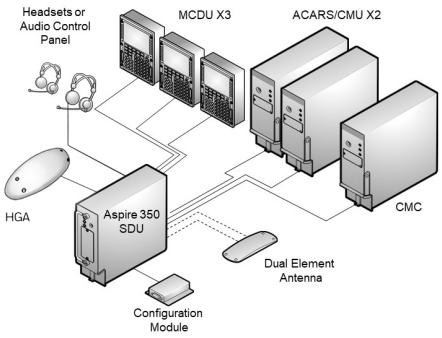
Connectivity means more than just in-flight emails, movies and social media posts while in flight. The Connected Aircraft revolutionizes modern-day flying, dramatically improving fleet management, flight safety, passenger and crew experience, mission effectiveness, maintenance, flight operations, aircraft turnaround time and costs.

Our Aspire suite of satellite communication offerings provides connectivity for business aviation, airlines and helicopters – anywhere in the world. Leveraging the Iridium NEXT satellite constellation, the Aspire 350 system brings greater reliability, cost savings and efficiency to aircraft operations from pole-to-pole.

VERSATILE, RELIABLE, GLOBAL

Honeywell's Aspire 350 satellite communication system enables pilots to stay connected with data and voice services throughout their flight path, anywhere in the world. Using the latest-generation Iridium NEXT satellite constellation, Aspire 350 enables mission critical voice and data communications in the cockpit, as well as cabin connectivity with faster speed, easy installation and a flexible architecture.

The strategically designed systems are smaller and have an embedded router to help reduce weight, adding to fuel savings.



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ASPIRE 350 FEATURES

- Cockpit safety services, such as Future Air Navigation Systems, Aircraft Communications Addressing and Reporting System, and air traffic control secure voice capability
- Immediate connection to legacy Iridium safety services using dual element antenna, without having to wait for certification of Certus safety services
- Affordable, faster and more reliable high-speed aircraft connectivity with global coverage extending to the polar regions
- Smaller, lightweight footprint reduces overall weight of aircraft, ultimately decreasing fuel costs

DUAL SATCOM:

To ensure your aircraft is always connected, Aspire 350 supports dual satellite communications: operators can install a second Honeywell satellite communications solution with the Aspire 350. This gives higher reliability, increased network coverage, improved efficiency and less connection downtime for pilots, crew and passengers. In the event the preferred system cannot operate, the backup system takes over.

Honeywell is a leader in providing connectivity hardware and services to the aerospace industry. With more than 100 years of innovation, Honeywell has a footprint on virtually every commercial, defense and space aircraft that enable more fuel-efficient, connected and safe operations. Aspire 350 exemplifies how Honeywell Aerospace delivers the latest functionalities and technologies in today's connected world.

COMPONENTS OF THE SYSTEM INCLUDE:

- Satellite Data Unit (SDU)
- Satcom Configuration Module (SCM)
- High Gain Antenna (HGA) for Certus 350 and Certus 700 services
- Dual element Iridium antenna (not required after Certus is safety certified)

ASPIRE 350 LRU SPECIFICATIONS

	SDU	SCM	HGA	DUAL ELEMENT IRIDIUM ANTENNA
Length/Width/Height	318 x 57.15 x 194.06 mm 12.52 x 2.25 x 7.64 in	114.3 x 101.6 x 25.4 mm 4.5 x 4.0 x 1.0 in	226.6 x 105.2 x 49.5 mm 8.92 x 4.14 x 1.95 in	199.4 x 76.2 x 20.8 mm 7.85 x 3.00 x 0.82 in
Weight	3.64 Kg / 8.0 lbs max	0.226 Kg / 0.5 lbs max	2.27 Kg / 5 lbs max	0.468 Kg / 1.03 lbs
Power	28 VDC	Powered by SDU		

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N61-1918-000-003 | 04/20
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THE FUTURE IS WHAT WE MAKE IT

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