

HONEYWELL AIRCRAFT DATA GATEWAY 400

Seamless Data Transfer for Regional Jets

ADG-400



Honeywell

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In today's competitive regional airline world smart equals connected and the industry sets new standards with the ability to securely update databases and transfer critical flight and maintenance data on and off the aircraft.

With the ADG-400 operators and maintenance teams can improve operating efficiency and on-time performance, reduce aircraft downtime and save on maintenance costs.

Leveraging the Power of Connectivity

The key to better performance lies in your data, but all that information is only valuable if it can move seamlessly

– and wirelessly – on and off the aircraft. That's where the ADG-400 excels.

With the ADG-400, operators and maintenance techs can wirelessly upload software and database updates and offload aircraft systems data. Because it makes updates automatically, the ADG-400 makes data uploads and downloads fast and easy for flight operations and maintenance teams and frees techs to spend time working on more important tasks.

More importantly it helps airlines with Embraer regional jets realize the full potential of connected aircraft

technologies and leverage their data to quickly analyze and troubleshoot maintenance issues and use predictive and prescriptive approaches to identify potential problems before they can impact operations.



ADG-400 – A SCALABLE SOLUTION FOR REGIONAL JETS

The ADG-400 packages multiple technologies into a single scalable solution, enabling:

- Real-time updates on the ground, via Cellular and Wi-Fi connectivity
- Significant savings in time and labor costs, compared to manual processes
- Digital uploads and downloads, without cumbersome physical media
- Operating efficiencies of up to 50% on the data transfer process
- Auto-staging databases

PROFIT HUNTING IN THE DIGITAL AGE

Advanced software and connectivity unleash the power residing in aircraft system data to drive more efficient and profitable operations for regional airlines. Wireless data transfer can reduce maintenance by up to 150 hours per year – for every aircraft in the fleet – compared to conventional means of moving data. LSAP loading can save an additional 75 hours per aircraft.



ADG 400 SPECIFICATIONS	
DIMENSIONS	
Width	7.18"
Length	7.31"
Height	2.50"
WEIGHT	
lbs.	2.9 lbs (1.3 kg)
POWER	
VDC	28 @ 33 Watts (maximum)

DATA COLLECTION PACKAGE	
2 RS-422	
ARINC 429 4Rx/2Tx	
Ethernet 9 GigE	
DISCRETES	
1 WiFi	
1 Cell	
18 Programmable	
1 Tb Storage	
GSN Global 4G / LTE	
WiFi 802.11 ac	



Data Management Unit

RS Module	ARINC Module	ETHERNET Module	ACSB Module
4 RS-422/485	4Rx/2Tx ARINC 429	1 10Base2	2 ACSB-C/D/E
2 RS-232	2Rx ARINC 717	2 100BaseT	RS-232
	4Rx/4Tx ARINC 720		