

Industry's smallest and lightest wireless flight data solution

The Avionica miniQAR-avCM is the aviation industry's smallest and lightest wireless Quick Access Recorder. It's the most robust flight data solution and provides secure and reliable data transfer in seconds.



Upgrade Solutions - Manual to Automated Data transmission

miniQAR MKII



Avionica's automated Flight Data Management Services deliver more data, faster, with less cost to operate.

miniQAR MKIII / avCM

Discrete (e.g., WOW) integration 2 GBs data storage LTE

Quick Access Recording

Optional A429 data bus recording



Upgradeable on-wing

VPN security

Upgrade from miniQAR MKII to advance MKIII and avCM

*Prices and discounts subject to change without notice

Contact Avionica
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miniQAR MKIII with avCM LTE Wireless GSE Module



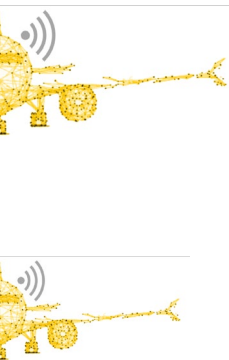
miniQAR MKII



miniQAR MKIII

Benefits on upgrading from MKII to MKIII + avCM

#	Features of Wireless QAR	MKII	MKIII +avCM
1	High Capture rates and High Capacity - 2 GB of storage	1 GB*	✓
2	Automatic and reliable wireless data transmission for lower maintenance costs	✗	✓
3	Compact system, light weight, easy to install	✓	✓
4	Transmission of data within 15 mins of landing driving value with faster actionable insights	✗	✓
5	Safe and secure data transmission via encrypted tunnel through wireless LTE	✗	✓
6	MTBF >100,000 hours & Cost effective with Seamless Solution (Nominal cost for upgrade)	✓	✓
7	Don't miss any flights; timeliness of data with reliability of over 99.8%	✗	✓
8	Record ARINC 717 (Harvard Biphasic or Bipolar RZ) and up to three ARINC 429 channels (high and/or low speed)	✓	✓



miniQAR / avCM



avCM



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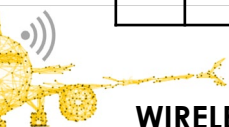
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Light-weight and easy to install

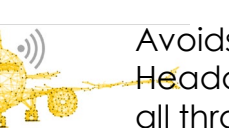
Comparison of Manual vs Wireless data transfer Process

#	Manual Data transfer	Wireless Data transfer
1	Breakdown of process – 70% data capture rates	99.8% of Data Capture – Highly Reliable capture rate & Secure
2	Labor intensive – Need maintenance personnel	Automatic and no dedicated personnel needed
3	Data is not available quickly – Delay can be expected	Data available quickly within minutes of landing (<15Mins)
4	No immediate insights from FDM/FOQA Analytics	Immediate insights from FDM/FOQA Analytics – Flight crew through Pilot debriefs and Maintenance crew is benefitted with Insights on AOG or alerts.
5	Limited access to data – Need dedicated personnel at all locations	Automatic and 24/7/365 available through global Cellular Service Provider – Anytime and anywhere



WIRELESS ADVANTAGE

With your flight data always within reach, make quick money saving decisions on maintenance and operations.



Avoids the cost of media handling, data can be sent from anywhere in the world to your Headquarters, OEM, and/or FOQA providers facility simultaneously without lifting a finger, all through Avionica's avSYNC service.

Avionica's ground support products, airborne products and flight data management services are highly regarded for their innovation, safety, and affordability.


Spares Management, aircraft rotation, technology upgrades, immediate access to data, professional program management, a customer success team, service bulletins, 24x7 Support

A SEAMLESS EXPERIENCE



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miniQAR MKIII with avCM LTE Wireless GSE Module



BENEFITS in upgrading from miniQAR MKII to MKIII

- 
Modular – plug and play
 Easy interchange of miniQAR and avCM modules, direct fitment onto QAR test connector; install and go.
- 
Advanced Interface
 Automatic and wireless transmission of data within minutes of aircraft landing, saving on maintenance costs and time.
- 
Fast, Reliable and Secure data transfer
 Enables operators to have custom workflows optimized to customer specific FDM/FOQA programs.
- 
Light + Easy upgrade
 No install kit required. Operator can upgrade previously installed MKII on any aircraft model with ease; pin-to-pin compatibility allows a swap to be performed in minutes.

Part Number Equivalencies


Description	miniQAR MKII	miniQAR MKIII
Boeing STD 115V	804-0X01	804-1201
Boeing STD (Type 2) 115V	804-0X02	804-1201 (Bipolar only)
Avionica STD 115V/28V	804-0X05	804-1205
Dual ARINC 429/717	804-0X05-03	804-1205-03

Trust your FOQA/FDM data with the most reliable flight data recording and delivery system in the world.



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