Avionica's next generation avCM 4G Wireless GSE (Ground Service Equipment) Module enables operators to customize download methods to best fit FOQA/FDM programs and schedule requirements. It includes a seven-band HSPA+ 4G Cell Module that transfers data on demand with worldwide coverage. The 4G transfer speed means the fastest data transmission without any infrastructure investment. It’s ideal for high-performance global roaming, and field proven numbers of 100% flight data transmission.

Easy Install
Avionica understands that the best product is only one part of a complete solution. Our 4G avCM is STC’d on over 250 aircraft types, and installs on most aircraft with minimal alterations using our universal installation kit, or one of our ARINC 404 or AIRINC 600 tray adapters.

Reliable Performance
Our solid-state ‘System on Chip’ architecture has achieved a field-proven MTBF of over 100,000 fleet-wide flight hours on our miniQAR series of recorders, saving valuable maintenance dollars.

Wireless Advantage
The ability to make decisions based on actual data in real time and more importantly, saves time on maintenance and operational costs.
  • Avoids the cost of media handling
  • Reduces percentage of data loss
  • Data can be sent from anywhere in the world to the operator’s HQ, the OEM, and simultaneously to the operator’s FOQA providers facility

World’s Lightest
All of this capability and the avCM 4G still weighs only 2.5 ounces.

What Our Customers Say
“Avionica’s avSYNC Data Transfer Service has benefitted our corporate flight department in many ways within our safety and maintenance department. Once the software is installed and configured, this is a “hands-off” service. It completely eliminates man-hours required for downloading data, as well as the schedule and timing factor required to collect data. It’s all automatic without the concern of handling sensitive and valuable data. The immediate data transfer upon aircraft landing anywhere in the world is the most valuable feature. Within minutes of landing we have received the data from the aircraft and it’s stored in our servers — safe and available to be analyzed if needed during a maintenance situation. This has been a significant factor in avoiding delays or inconvenience to our passengers by having the data readily available.”

Bruce Bernard
Jet Aviation – McKesson Corp

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We’re Ready to Help
Whatever you need, Avionica is ready to help. Our team will work with you to meet your data and communications management needs.
www.avionica.com
**Ground-Based Broadband**

**miniQAR Mk III**

**avRDC QAR**

**avRDC MAX QAR**

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**Technical Specifications**

**Size/Weight**
- **Dimensions:** 2.20"(L) x 0.96"(W) x 1.86"(H)
- **Weight:** 2.5 ounces

**Wireless Speeds**
- **Download:** Up to 5.76 Megabits per second (4G)
- **Upload:** Up to 21 Megabits per second (4G)

**Product Certification**
- DO160
- DO178 Level D

**Installation Certification**
- Supplemental Type Certificate
- Number: ST0388SAT
- Approved Model List – 21149 – AML Revision D

**Avionica Host Devices**

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