



# WAVEbox® Pad-aero

860-960Mhz UHF desktop reader for Aerospace

## Available: marsh 2009

- Spec. ATA2000 / 9-5
- UHF Gen2-FLYtag®
- IBM middleware Certified
- SDK, ATA2000 Soft.



*Non contractual picture, screen not included*

- Aerospace Industry
- Logistic, Supply chain
- MES, Manufacturing
- MRO, Maintenance Repair
- Electronic Identification
- ATA 2000 / 9-5 compliant

Supporting the worldwide implementation of RFID Gen2 in aircraft and aerospace industry through the WAVEbox® Pad-aero redefines the state-of-the-art of MRO (Maintenance Repair & Overhaul). This powerful UHF reader system is design for Aerospace companies class applications and features best-in-class air interface performance. In addition, the robust WAVEbox® Pad-aero embedded software-based architecture is approved to interface with IBM WebSphere Sensor Events. Provided with a standard application Platform "FLYtag Manager" that addresses the needs of ATA sepc2000 chap. 9-5 annexe 11 for aerospace today's deployments and ensures future features and capabilities added through SDK. WAVEbox® Pad-aero was designed from the ground up to support worldwide regulatory compliance from a single platform. The design provides optimal performance in North American, European and Asia- Pacific environments. The WAVEbox® Pad-aero offers a wide portfolio of configuration and enterprise management tools that changes the paradigm of RFID system installation and management. For the end-user who needs a quick, out-of-the box solution, the WAVEbox® Pad-aero provides an intuitive installation wizard allowing the user to be able to begin reading tags within minutes.

### Applications

#### Aerospace - FLYtag®

With its exceptional read rate performance through main monostatic antenna, the WAVEbox® Pad-aero easily integrates into most supply chain, production and maintenance



FLYtag® and FLYtag® Nano range



SOLUTION READERS



Article	Code
WAVEbox® PAD Aero	11891
WAVEbox® PAD Aero SDK	11895

### Aerospace solution

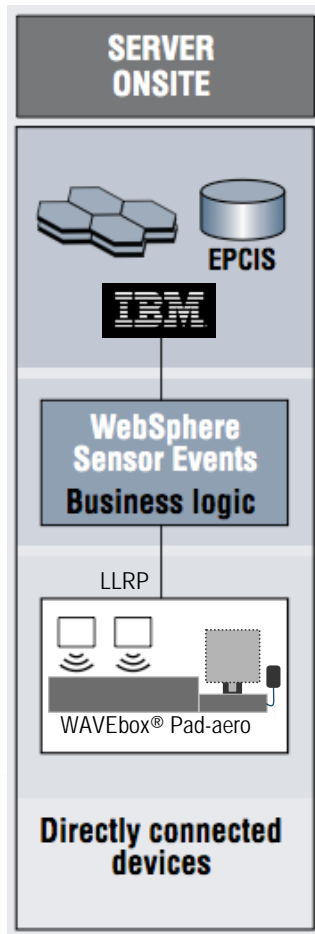
Features: Read/write of FLYtag® RFID Aerospace range and EPC Gen2 tags. Compliant with A350 specifications and ATA Spec2000 chap.9-5 annexe 11 based on industry standard protocols. Allows seamless integration into existing IT infrastructures through LLRP Ethernet protocol. Certified for IBM WebSphere Sensor Events middleware. Moreover, Windows® application "FLYtag-Manager" supply a simple standard ATA spec2000 application that can be used in standalone mode. In an other hand, SDK (sold separately) extend the reader capability, especially for complex enterprise requirements. Air Interface: High performance radio and modem subsystems employing sophisticated DSP technology and advanced simulation algorithms that optimize read rates in a wide range of end-user applications.

### Features

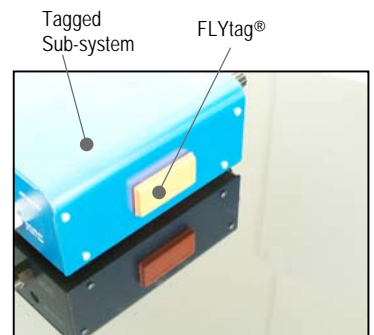
- Protocol: ISO 18000-6C EPCGen2 - Frequency: UHF 860-960Mhz
- Software: "FLYtag-Manager" - SDK (sold separately) – **Middleware WebSphere Events Sensors (IBM)**
- Interface: Ethernet protocol LLRP
- Read/Write distance: 0,5 à 1m pending on tag and environment
- Dimensions: 600 x 300 x 200 mm
- Operation temperature: 0°C à +70°C/ Storage: -20°C à +80°C
- SDK: Visual Studio .net available (sold separately)

### Tags acceptés

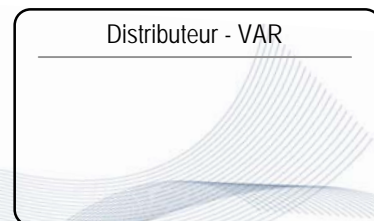
- EPC Gen2
- FLYtag® EPC Gen2 High Memory (TegoChip Embedded)
- FLYtag® Nano EPC Gen2 High Memory (TegoChip Embedded)



The Reading/Encoding table WAVEbox® Pad-aero is desing for being connected with IBM middleware WebSphere Sensor Events. The reader ca also be connected to a stand-alone Windows station with the standard application "FLYtag Manager » or another application developed with the available SDK.



RFID FLYtag® glued on a sub-system in Read/Write mode



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