



a **TXCOM** brand
G R O U P



READER

FLYtag[®] mobiPACK MC9190-Z



Technology chosen by 50 OEMs

Industrial RFID mobility, read/write
FLYtag[®] manager embedded ATA Spec
2000 Ch. 9.5 TDS 1.9 / Windows CE 6.0

SINGLE / DUAL / MULTI



FLYtag[®]
Manager
V.4.0.1

APPLICATIONS

FLYtag[®] mobiPACK supports the business changes brought about by the use of automatic identification in aerospace parts marking using RFID. It allows for accurate, automatic and rapid recording and collection of ATA Spec 2000 information on parts. With its exceptional read rate performance, the Motorola MC9190-Z easily integrates into most supply chain, production and maintenance systems.

ORDER CODE

FLYtag [®] mobiPACK MC9190-Z EU	12380
FLYtag [®] mobiPACK MC9190-Z US	12381

Related products

FLYtag [®] manager	12020
Optional battery 2400mAh	12432



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Supporting the worldwide implementation of RFID Gen2 in the aerospace industry, FLYtag[®] mobiPACK MC9190-Z, available in 869MHz or 915MHz versions for international use, is specially tailored to the needs of ATA Spec 2000 flyable parts marking.

The Air Transport Association (ATA), the trade association for airlines, recently issued expanded guidelines for component parts identification and tracking in ATA Spec 2000, with recommendations for automating part traceability using RFID in Chapter 9.5. RFID technology provides real-time visibility on the entire value chain. FLYtag[®] mobiPACK MC9190-Z redefines state-of-the-art mobile RFID for manufacturing, maintenance, repair and overhaul for flyable applications.

The rugged handheld Motorola MC9190-Z terminal with embedded FLYtag[®] manager software offers all ATA Spec 2000 functionalities including high-memory and low-memory TDS 1.9, EPC automatic construction, barcode 1D/2D to RFID, data synchronization in XML format, and more. The EPC Gen2 standard-compliant read/write functions of the FLYtag[®] RFID aerospace system allow seamless integration into existing IT infrastructures. Its design provides optimal performance in North America and Europe. End-users needing an out-of-the-box solution can follow an intuitive installation wizard to be up and running within minutes.



PRODUCT USE - INTEGRATION

Many factors can affect the use and performance of RFID products in particular applications, including the conditions under which they are used, the environmental conditions to which they are exposed and the duration of exposure. Since these factors are uniquely within users' knowledge and control, MAINtag's technical support team and partners should be contacted to determine whether products are suitable for users' applications.

PACK CONTENT

1 year full support	5 FLYtag® 8 Kbytes
1 year free upgrades	5 FLYtag® nano 8 Kbytes
3-year warranty	FLYtag® range samples
Motorola MC9190-Z	Documentation
FLYtag® manager	Ruggedized storm case packaging

CHARACTERISTICS

Processor	Marvell PXA320 at 806 MHz
OS, Memory	Windows mobile 6.5 RAM/ROM 256 MB/1GB
Display	3,7 in in VGA color with digitizer and backlight
Standards	FLYtag® manager support: ATA Spec 2000 Chap 9-5 Appendix 11 Support: UHF High memory – UHF Low memory / TDS 1.9 MULTI-RECORD, SINGLE/DUAL-RECORD BIRTH / PART-HISTORY / CURRENT / SCRATCH-PAD EPC automatic construction 1D/2D barcode to RFID Data synchronization in XML format
Air interface	EPCglobal Gen2 ISO 18000-6C compliant. (DRM up to 0.5w) [12232] : 869 MHz – [12232] : 915MHz Output power EU 2 Watt ERP - US 3 Watt EIRP
Weight	973.8 gr / 0.986 kg (including battery)
WLAN	802.11 a/b/g
Bluetooth	Bluetooth version 2.1 with EDR
Operational temperature	-20°C / - 4°F to 50°C / 122°F
Storage temperature	- 40°C/ -40°F to 70°C / 158°F
Humidity	5% to 95% non condensing
Drop Spec.	Multiple drop to concrete : 6ft. / 1,8m across the operating temperature range
Dust and Waterproof	IP64
Cradle	USB 1.1 Client (I/O port 20pin) & host DC power input jack
Battery	2400 mAh (1 battery included in the pack. item 12432)
Included	FLYtag® manager last version 1 year full support – 1 year free up-grades 3 years warranty FLYtag® range samples Documentation



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