

## Product Datasheet

### UHF RFID JETT•PACK® for Two Technologies, Inc. JETT•XL®

Product Code: RDU-PDA-JETTPACK-M7

Status: Available

Date: 8. March 2009



JETT•PACK® RFID UHF module



JETT•XL® with integrated UHF RFID Reader

#### Development Kit consists of

- 1 Unit PDA JETT•XL®
- 1 Unit PACK.connect attached to JETT•XL®
- 1 Unit Jett•Pack RFID UHF Reader Module
- Preassembly by Meshed Systems
- Software Development Kit on CD
  - eMbedded Visual C++ 4.0
  - Visual Studio .NET 2003
  - Visual Studio 2005
- 2T Developer's Library
  - 2T JETT Development Kits
  - 2T JETT SDK utilities for device specific features and functions
- Technical Phone Support, Munich

The UHF RFID JETT•PACK® extension for the Two Technologies JETT•XL® and JETT•eye™ mobile handheld computers is a compact, cost effective solution to upgrade the JETT•XL® or JETT•eye™ with UHF RFID reader capabilities. Based on newest, high integrated reader IC technology the RFID JETT•PACK® package supports ISO 18000-6C and EPC Class1 Gen2 passive RFID transponders.

The Two Technologies PACK system is comprised of a mounting bracket assembly (PACK.connect) along with an enclosure assembly (PACK). The mounting bracket assembly is attached to the back of a "PACK Ready" JETT computer.

The UHF RFID JETT•PACK® is the newest extension for this high reliable system. It is intended for use in commercial and industrial applications with a focus on real time wireless data transactions. This handheld computer is optimized for mobile computing applications and third party expansion.

#### Features

- Integrated RFID UHF Module
- Frequency UHF 862-955 MHz
- International Regulations
  - Europe ETSI
  - US FCC (optional)
- Antenna
  - Integrated PCB UHF Antenna for ETSI
  - Integrated PCB UHF Antenna for FCC – future option
- Multi-protocol read/write support
  - ISO 18000-6C
  - EPC Class 1 Gen2
- Demo Programs available

#### Applications

- Logistics
- Asset Management
- Maintenance Management
- Inventory Management

#### Accessories for Jett•XL - optional

- Charging Unit / Docking Station
- Hand Strap
- High capacity rechargeable battery

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Technical Data:		Overview
<b>RFID UHF MODULE</b>	Standards	EU EN 302 208 US FCC Part 15.247 optional
	Frequency	862 - 955 MHz
	Antenna ETSI Antenna FCC	internal PCB UHF antenna adjusted for 867 MHz internal PCB UHF antenna adjusted for 915 MHz (future option)
	RF power Read Range	RF Power max. 24 dBm (FCC), adjustable in 3 dBm steps Approx. 0,3 m / 1 ft. depending on transponder and frequency
<b>MULTI-TAG READING</b>	ISO EPC Impinj ST Micro Philips / NXP	ISO 18000-6C Class1 Gen2 EPC Class 1 Gen2 Monza2, Monza3 EPC Class 1 Gen2 XRA G2 EPC Class 1 Gen2 U-Code G2
<b>INTERFACE</b>	Mechanical Interface Electrical Interface	PACK.connect mounting bracket PACK.connect mounting bracket, integrated DC / RS232 Interface
<b>SOFTWARE SUPPORT</b>	Microsoft Windows Software Interface	CE .NET 5.0 ASCII Code based software interface protocol
<b>POWER SUPPLY</b>	Voltage Current	5 VDC by PACK CONNECT mounting bracket 500 mA max.
<b>ENVIRONMENT</b>	Temperature Operating Humidity	-20° to +50° C 5% - 95% non-condensing
<b>CASE</b>	Dimension Weight Material Protection	151 x 86 x 18 mm Approx. 300 g Glass reinforced thermoplastic IP 54
<b>ORDERING INFORMATION</b>	Development System Basic System	RDU-PDA-JETTPACK-M7-DEV RDU-PDA-JETTPACK-M7

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Meshed Systems (Germany) is a Value Added Reseller (VAR) and Consulting Enterprise for RFID components. Our business is split in the business units  
 Value Added Reselling (VAR) of leading RFID component suppliers  
 Consulting and Training  
 Customized development.

We offer advice and consultancy services to ensure the correct selection of RFID components, for individual customer requirements within both industry and retail sectors. We supply a powerful selection of all hardware elements required for delivery of the complete RFID project, and only work with "best of breed" hardware partners. Our customers are system integrators and other Industry Partners alike.