

## Medio™ P200 Mid-Range RFID Reader



TAGSYS' Medio™ P200 is a new generation packaged and cost-efficient 13.56 MHz RFID reader for proximity read/write applications. Its small size and affordable price makes it an ideal item-level tracking solution for most industrial applications.

The Medio P200 is packaged in a light-weight, rugged and ergonomic casing, providing a lowcost of ownership RFID solution. It's a mid-range reader with 1W power output, operating in either standard or standalone mode. When operating in standalone mode, the reader can automatically broadcast data from RFID tags which have been read. The industrial I/O port (P200s & P200x) can be used to trigger successful reading of tags.

Compared to the former P101 generation platform, the Medio P200 detection sensitivity has been significantly improved, therefore increasing the performance of the system and adding the possibility to connect the reader to large antennas.

Connected to a fixed or portable RFID antenna, the Medio P200 reader provides an affordable and effective RFID station to identify RFID-tagged products. It also offers a flexible platform to address various connectivity requirements and firmware compatibility.

### **ROBUST, LIGHT-WEIGHT AND AFFORDABLE**

For over 10 years, we've designed custom RFID tags, antennas and readers that have exceeded our customer's most demanding requirements.

We've worked with hundreds of companies to embed RFID item-level tracking into their systems. We know that by adding this capability to your product, you can offer unique advantages to deliver value-added services to your customers.

TAGSYS provides complete, reliable, high performance RFID infrastructure systems for item-level tracking in a variety of industries.

Our unique RFID expertise, combined with a true understanding of RFID business processes, make us the ideal RFID partner to ease and ensure the success of your project.

More information on TAGSYS can be found at: [www.tagsysrfid.com](http://www.tagsysrfid.com)



TAGSYS USA  
1006 West 9th Avenue  
Suite 30  
King of Prussia, PA 19406  
USA  
Phone: (+1) 267 882 4800

TAGSYS Europe  
785 Voie Antiope - Athélia III  
13600 La Ciotat  
France  
Phone : (+33) 4 42 18 89 00

TAGSYS Asia.  
Unit A, 11/F, On Hing Building  
1 On Hing Terrace  
Central Hong Kong  
Phone: +852 2526 8303

[www.tagsysrfid.com](http://www.tagsysrfid.com)

Copyright © TAGSYS 2010  
This document and the information it contains are the exclusive property of TAGSYS. All Rights Reserved. Any unauthorized reproduction is strictly prohibited.

T-M-P200-Datasheet-20Sep2010

## PRODUCT SPECIFICATIONS

### ELECTRICAL

**OPERATING FREQUENCY:**  
13.56 MHZ

**PROTOCOLS SUPPORTED**  
NXP ICODE 1 (C270)  
ISO 15693/ISO 18000-3 Mode 1  
TAGSYS C210, C240

**RF OUTPUT POWER:**  
1 W MAX

**COMMUNICATION INTERFACE:**  
P200u: USB  
P200s: RS232  
P200x: USB & Ethernet

**COMMUNICATION SPEED:**  
Up to 115200 bps

**ANTENNA CONNECTIONS:**  
SMA

**GENERAL PURPOSE INPUT/OUTPUT:**  
1 Input, 1 Output (P200s, P200x only)

**POWER SUPPLY:**  
12 VDC (included)

**OPERATING MODES:**  
**Standalone Mode** ASCII Protocol, User Configurable  
**Standard Mode** TAGSYS STX-E Serial Communication Protocol

### CERTIFICATIONS

CE  
FCC Part 15 (Pending)  
EN ETSI 300 330 (Emissions)  
EN ETSI 301 489 (Immunity)  
RoHS compliant

### MECHANICAL

**DIMENSIONS:**  
P200u: 123 x 68 x 30 mm (4.8 x 2.6 x 1.2 in)  
P200s/P200x: 195 x 115 x 46 mm (7.6 x 4.5 x 1.8 in)

**WEIGHT:**  
P200u: 150 g (5.3 oz)  
P200s/P200x: 250 g (8.8 oz)

**OPERATING TEMPERATURE:**  
0°C to 50°C (32°F to 113°F)

**SOFTWARE CONFIGURATION TOOL:**  
Px Explorer

**SDK:**  
Medio STX DLLs Package & Java Package  
U-SDK