

Medio L100 and L200 Long Range Readers



TAGSYS' Medio™ L100 and Medio L200 are robust, long range and multi-read HF RFID readers. Packaged in rugged casings, they are both ideal for use in industrial applications where 3D volume detection is required, such as production and distribution sites.

POWERFUL MULTICHANNEL READERS

TAGSYS' Medio L100 and Medio L200 are powerful and long range readers, designed for challenging environments. They are multi-protocols, ISO 15693 compatible and operate at 13.56MHz. Each reader offers 4 configurable I/O ports enabling end-users to connect a wide choice of RFID antenna to detect several RFID-tagged items simultaneously.

The Medio L100 reader has 2 RF channels, while the Medio L200 has 4.

TAGSYS develops comprehensive multi-band RFID infrastructure for item-level tracking. This universal infrastructure includes purpose-built readers and tags, as well as RFID management software, all designed to work together seamlessly, at the highest performance levels, in the most demanding environments.

With a proven track record of delivering reliable production systems, TAGSYS has deployed over 250 million tags and 100,000 reader systems to over 500 customers in more than 40 countries.

More information on TAGSYS can be found at www.tagsysrfid.com.



Medio L100



Medio L200

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PRODUCT SPECIFICATIONS

ELECTRICAL

OPERATING FREQUENCY:

13.56 MHZ

PROTOCOLS SUPPORTED:

TAGSYS C210, C240, C320
 ISO 15693/ISO 18000-3 Mode 1 (C370)
 UID-ePC (NXP)

RF CHANNELS:

Medio L100: 2 channels
 Medio L200: 4 channels

RF OUTPUT POWER:

Medio L100: up to 4W
 Medio L200: up to 7W

COMMUNICATION INTERFACE:

RS232/RS422/RS485 or USB (L100 only)

COMMUNICATION SPEED:

Up to 38400 bps

GENERAL PURPOSE INPUT/OUTPUT:

4 Input, 4 Output

ANTENNA CONNECTIONS:

BNC

POWER SUPPLY:

85 to 265 VAC / 50-60 Hz

CERTIFICATIONS:

Emissions: CE, FCC Part 15
 ETSI 300330
 Safety: UL 60950, CAN/CSA 22.2 No 60950, IEC 60950-1, CB Report with certificate

MECHANICAL

DIMENSIONS:

310 x 260 x 80 mm (12.2 x 10.2 x 3 in)

WEIGHT:

4.5 Kg (10 lbs)

OPERATING TEMPERATURE:

0°C to 40°C (32°F to 104°F)

SOFTWARE

CONFIGURATION TOOL:

L200 Explorer

COMMUNICATION PROTOCOL:

TAGSYS STX-E

FIRMWARE UPDATE:

DSP Firmware and on-board application

SDK:

Medio STX DLLs package
 Java & .NET Class API