

MEDIO L200

LONG RANGE PACKAGED COUPLER WITH 4 RF CHANNELS AND 4 I/O PORTS

Medio™ L200 operates at 13.56MHz and features innovative technology to optimize reading and writing distances. Four power adjustable radio frequency channels enable connection with a multiplexed antenna set. This system enables several smart labels to be read simultaneously and at any orientation.



Features:

- A powerful radio processing unit (RPU) based on a digital signal processor (DSP) provides multi-chip protocol capability (ability to read several chips) and robust detection algorithms
- 4 RF channels enable the traceability of objects in a 3D configuration, as well as several simultaneous reading points and enlarged volume detection
- The configurable industrial I/O port mode allows the user to connect a wide choice of sensors to trigger RFID reading or writing cycles
- The advanced digital processing unit increases the coupler's reliability in noisy industrial environments
- User-friendly L200 Explorer software enables reduced installation and diagnosis time

Technical Specifications:

Chip compatibility	C210 / C220 / C240
Reading / Writing distance*	Up to 70 cm (27.6 inches) with a single antenna and a Folio 20 Up to 120 cm (47.2 inches) volume with gated antennas
Communication Interface	DB9 with RS 232/RS 422 / RS 485 DB 25 with parallel b-directional interface for PC
RF Output power	4 (up to 2 x 7 watts in alternation) with multiplex ability and balanced 0/90°/180° operation
Power supply	85 to 265 VAC /50-60 Hz
Power consumption	Up to 50 watts
Mechanical interface	Rubber feet (desktop) External plate and screwing (on wall)
Operating temperature	-10°C to + 50°C (14°F to 122° F)
Storage temperature	-20°C to 70°C (-4°F to 158°F)
Weight	4.5 Kg
Size	310 x 260 x 80 mm (11.8 x 9.8 x 1.7 inches)
Conformity	CE, UL, FCC
Data transmission rate (bauds)	Up to 38 400 bauds
Standby mode	N/A
External memory	512 kbytes Flash Memory 128 kbytes battery backed up static RAM
Communication protocol	Modbus TTY — Menu

* Performance may vary according to the smart label type and size

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