



# L-A210 RFID Reader

The L-A210 is a powerful reader of reduced dimensions. It works within the frequency of 433 MHz and may be used by itself as well as with other readers in sequence. It reads active AcuWave tags, supports different kinds of antennas.

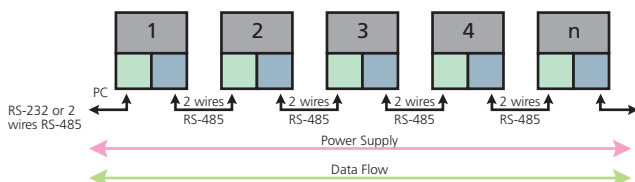
Purchase Code: 500.724

## Resources

The L-A210 reader detects and decodes RFID signals emitted by AcuWave line's active tags. The received information is converted in data and transmitted through RS-485 network of up to 255 readers, using CAT5 cables. The communication between the server and the first reader may also be through any of the three interfaces. The reader accepts the connection of different types of omnidirectional Stub and Whip antennas, aside from directional antennas, such as Patch. The reader has two function modes: auto polling, where sending commands is not necessary to read tags; and software polling, where it is needed to send commands to read tags.

Used antenna	Reading distance*
500.219 - L-AN200 (Stub)	Up to 20m (radius)
500.218 - L-AN100 (Whip)	Up to 50m (radius)
500.221 - L-AN350 (Patch)	Up to 150m (circular directional)
500.222 - L-AN400 (Whip)	Up to 150m (radius)

\* Considering regulated and stable power cord, installation in environment without EMG noise and without metallic surfaces.



## Technical specifications

Power supply	7 to 16 VDC
Consumption	60 mA (máx.)
Frequency	433 MHz
Modulation	ASK
Communication	RS-232, RS-485 and USB 9600 - 115200 (baud rate)
Connectors	Communication: 2 x female RJ45 and 1 mini USB RF: BNC 60 Ohm Supply: female P4 2,5 mm
Dimensions	105 x 58 x 28 mm
Weight	118 g
Material	Aluminium
Operating temperature	-40° C to +85° C
Storage temperature	-20° C to +70° C
Humidity	5% to 90% (no condensing)
Protection grade	IP50
Certifications	FCC, CE and RoHS

## Antennas



Antenna L-AN100



Antenna L-AN200



Antenna L-AN350



Antenna L-AN400