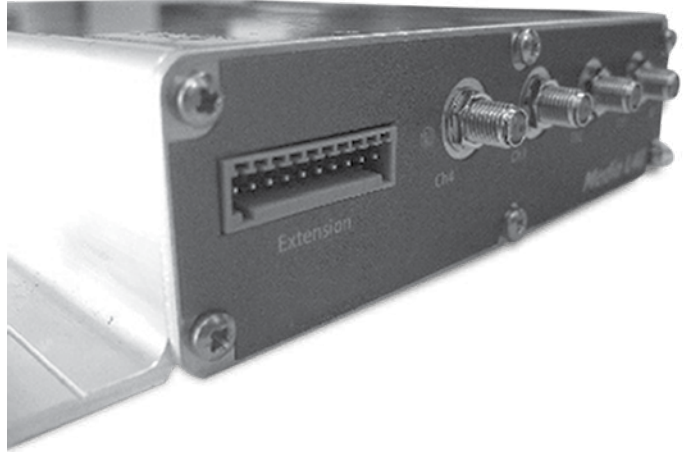


INVENGO MEDIO L40 HF READER AND KIT



About Invengo's Medio L40 Compact, Robust and Highly Performant HF Reader and Kit

The Medio L40 Reader provides high detection level performance in a compact and easy to integrate unit. Based on the industry leading Invengo Medio L400 electronics, Medio L40 uses advances in Digital Signal Processing (DSP) and RF Front End technology to achieve breakthrough performance in read range and read speed.



Invengo – the global RFID technology provider – is a leading developer and manufacturer of high quality, intelligent RAIN RFID and HF/NFC connectivity solutions and consumables (tags & inlays) utilized in the Internet of Things. With a focus on RFID innovation, Invengo has created a leading product line in retail, (industrial) laundry, library, (public) transportation, healthcare, and many other industries.

Invengo Technology Pte. Ltd. (SG) is the International Headquarters of Invengo Information Technology Co. Ltd, listed on Shenzhen Stock Exchange (SZSE: 002161.SZ). Employing over 600 people globally, Invengo is one of the largest publicly traded, RFID / IoT oriented companies in the world.

Key Benefits

- Compact and robust HF reader
- Highly performant in industrial settings
- 4 RF channels for complex antenna configuration
- Delivered as a kit with cables and accessories

Product Specifications

Electrical

Operating Frequency	13,56 MHz
Chip Compatibility	ISO 15693, Invengo C210 and C220, NXP ICODE I, NXP SLI-L, NXP SLI-S, ICODE ePC, ICODE UID
Communication Interface	Ethernet, USB, RS232
RD Ports	4 (multiplexed)
Antenna Connection	SMA
RF Output Power	Variable (up to 5W max)
I/O	2 Inputs/Outputs
Power Consumption	24 VDC, 1,6 A

Mechanical

Dimensions	235 x 166 x 36 mm (9.25 x 6.53 x 1.4 in)
Weight	800 g (1.76 lbs)
Operating Temperature	0°C to 55°C (32°F to 131°F)
Reader Casing	Bulk Aluminium

Software

Invengo Explorer tool
SDK (Win32,.Net, Java)
Standalone Mode

Included in the kit

Medio L40 Reader, Serial Cables (1,5 m), USB Cable, Universal power supply pack, (does not include power cord)
Phoenix contact connector 8 points

Medio L40 Accesory Kit*

*Sold separately
(product reference: DDP15660)

Metallic mounting plate and screws
optional, Crossed FTP cable, Power Cords (EU, US) Power supply connector, Coaxial s SMA/BNC& crossed Sub-d9MM adaptor

Product reference	DDP14861
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Additional Information

Featuring RFIDSP technology developed by Invengo, including real-time signal processing algorithm for extracting RFID tag information in noisy background environments, Medio L40 is the ideal reader component to drive your track and trace applications.

Medio L40 is delivered as a kit including a Medio L40 reader, serial cables, a USB cable, a universal power supply pack and a Phoenix contact connector 8 points. Medio L40 is easy to integrate in various environments.

Medio L40 is compatible with Invengo's L400 Reader platform and can be deployed with the same full software suite, guaranteeing a high level of flexibility and straight forward implementation path.

Available with 4 RF channels, Medio 40 reader can manage complex multiple antenna systems or control several single reading points at a time.



APAC

Invengo Technology Pte. Ltd
10 Kallang Avenue
#05-15 Tower 2, Aperia
Singapore 339510

Office: +65 6702 3909
sales.apac@invengo.com

Americas

Invengo Technology Corp.
2700-160 Sumner Blvd.
Raleigh, NC 27616
United States of America

Office: +1 919 890 0202
sales.americas@invengo.com

EMEA

Invengo Technologies
180 Voie Ariane – Athéla 1
13600 La Ciotat
France

Office: +33 413 96 1111
sales.emea@invengo.com

FCC warning:

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.