

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 Frond End technology to achieve breakthrough performance in read range and read speed.

About Invengo

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

UHF 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 Accessory Kit*

*Sold separately
(product reference: DDP15660)
Metallic mounting plate and screws,
Crossed FTP cable, Power Cords (EU, US)
Power supply connector, Coaxial s SMA/
BNC& crossed Sub-d9M/M adaptor

Product reference DDP14861

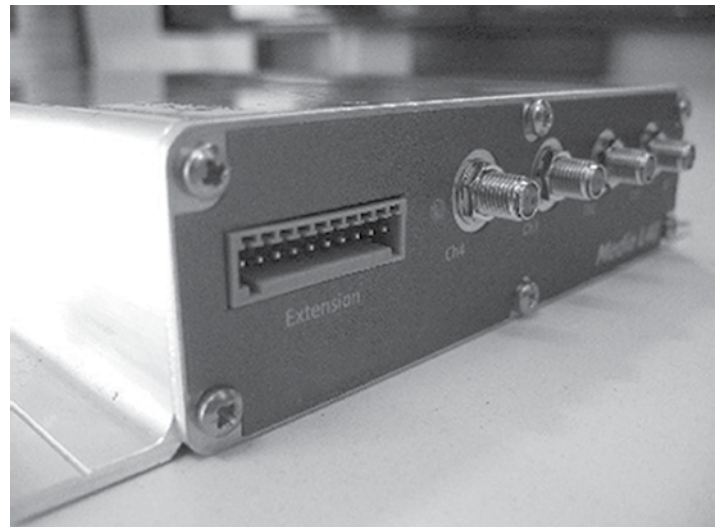
Additional Information

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.



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