

The Linea-pro 4 includes 2D barcode scanner, 3-tracks magnetic stripe reader, and a rechargeable battery extender in a very compact protective case.



### Features:

Battery	Rechargeable Li-ion Battery - 1300 mAh, Charging via USB to computer or Charging Station to Linea-pro 4, Provides auxiliary power to iPod touch and iPhone
Magnetic Card Reader —3-Track Head	Swipe Speed: Minimum of 1.97 in/sec MTBF: 1 million swipes Bidirectional reading capabilities
Barcode Scanner - Class II - 2D Imager	Single / Multi-scan mode 2D - MTBF: 50K hours (Imager & Laser Pointer & Focus LED)
Indicators	Audible: Internal electro-magnetic buzzer Visual: 3 green LEDs
I/O Connectors	30-pin plug iPod dock connector 10-pin female Mini-B USB connector for charging and synchronization

Available as an accessory:

*Linea pro charger*



## Specifications:

Power supply	Internal voltage 3.3V & 5V
Operation Modes	Active (turn on Linea-pro 4) / Active with Scanning / Stand By (after 5sec without operate)
MCU	Hitachi - HD64F3687
Memory	512k I2C EEPROM memory - for Linea-pro 4 settings
Communications	RS232 Interface - communication between Linea-pro 4 & iPod /iPhone
	USB Interface - USB Synchronization between iPhone / iPod & PC
RS232 Interface	Speed: 57600bps
	iPod RS232 Protocol
Power consumption	Active with Scanning: 1D Engine – 110mA; 2D Engine - 230mA
	Active - approximately 25mA      Stand by - 10µA
Buttons	Volume Up Button, Volume Down Button, Status Battery Button, Scan Button
Magnetic Stripe Reader	3-track bidirectional reading capabilities
	Type: ISO 7816-1/2/3 compatible & RAW mode
Barcode Reader	MDL-1000 - Laser Scan Engine 1D Barcode
	MDI-2000 – Auto-focus Imager Scan Engine 2D Barcode
Barcode Type	UCC/EAN 128, EAN 13, EAN 8, UPC A, UPC E, UPC E1, Code 11, Code 39, Code 93, Code 128, GS1, Matrix 2 to 5, Code 11,2 of 5 industrial, 2 of 5 interleaved, Codebar, MSI/Plessey, UK/Plessey, IATA,ISBN, ISMN, ISSN, S-code, Telepen, RSS 14, RSS Limited, RSS- Expanded, PDF417, microPDF417, Data Matrix, QR code, Aztec code, Maxi code, Micro QR code
LEDs	3 green LEDs for status of Battery Charging and status of the Device
Battery	Rechargeable Li-ion Battery
	3.7V/1300mAh
	2D: Over 8,000 scan and swipes per full charge
Audio Indicator	Electro-Magnetic Buzzer
Weight, g	95 grams without iPod / iPhone
	230 grams with iPhone
	197 grams with iPod
Dimensions, mm	125mm x 67mm x (19 to 25)mm - depends on scanner 1D/2D & device)
Environment	- Operating temperature 0°C to +40 °C
	- Operating humidity 35 to 85% RH
	- Storage temperature -5°C to +40 °C
	- Storage humidity 10 to 90% RH
Cables	Standard USB A to mini B CABLE
	USB DOWNLOAD CABLE (option)