DATECS

LineaPro-7 Industrial
USER GUIDE

LEGAL NOTICE

REVISION HISTORY

Version	Data	Change description
1.0.0	14.12.2017	First Release
2.0.0	10.03.2020	Added Section "Regulatory"
2.1.0	29.03.2024	Updated content
2.2.0	13.06.2024	Updated "Regulatory"

CONTENTS

REGULATORY

FCC ID: YRW-LINEAPRO7IM

Contains FCC ID: GT3FC018

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:

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Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.   This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Radiation Exposure Statement: The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

DEVICE SPECIFICATIONS

Keyboard and Buttons	• Two Scan buttons • Reset device button

Contactless Card Reader (optional)	• ISO/IEC 14443 Type-A/MIFARE
	  - MIFARE MINI
	  - MIFARE CLASSIC-1K, MIFARE CLASSIC-4K
	  - MIFARE ULTRALIGHT, ULTRALIGHT-C
	  - MIFARE PLUS 2K/4K
	  - MIFARE DESFire
	  - and other
	• ISO/IEC 14443 Type-B
	  - supports most of the cards
	• ISO/IEC 15693
	  - supports most of the cards
	• JIS X 6319-4
	  - compatible with FeliCa
	• ISO/IEC 18000-3 mode 3
	  - NFC

2D Barcode Reader	• ZEBRA SE4750MR OEM Array Imager Scan Engine - 1280 x 960 pixels (1D / 2D) (optional) • 2D Opticon MDI-4000* CMOS Imager 640 x 480 pixels (optional)
Supported 1D and 2D Symbology*	• 1D: All major 1D, Digimarc • 2D: PDF417, MicroPDF417, Datamatrix, QR Code, Micro QR Code, Aztec, Composite, TLC-39, MaxiCode, Dotcode; Grid Matrix • Postal: US PostNet, US Planet, UK Postal, Australian Postal, Japan Postal, Dutch Postal (KIX), Mailmark
Connectivity	• Apple 9 pin connector • Pass-through sync through USB type-C • Pass-through sync through via GT1 or GT5 • Bluetooth 3.0 (option) - SPP - Serial Port Profile • SAM holder
Device Compatibility	• Apple iPhone 6, iPhone 6S, iPhone 7 and iPhone 8
Audio Features	• Electro-Magnetic Buzzer
Power Supply	• DC 5 V through USB • DC 5 V through contact pins
Battery	• Rechargeable Li-Ion Battery 3.6V/2330mAh • Precise battery management by Fuel Gauge microcontroller for remaining battery capacity
Certificates	• IP65
Dimension W x H x D, mm	75.1 x 25.6 x 157.4
Weight, g	148 g without iPhone
Operational temperature range	-10 °C to +40 °C / 5 to 90% RH
Storage temperature range	-20 °C to +50 °C / 5 to 90% RH
Compatible Accessories	• Single charger (GT1) • 5 stations charger (GT5) • Dual Charger

*** Specification can be change without any notice.**

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Use only original equipped DATECS cable USB-A to USB-C (Z05C000000-05) for charging Apple device.

Use only UL approved USB adapters. The minimum requirements of USB adapter is 5V/2.1A!

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Waste Electrical & Electronic Equipment

The symbol means that according to local laws and regulations your product shall be disposed of separately from household waste at the end of its working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate this from other types of wastes and recycle it responsibly to promote the sustainable reuse of material resources.

GENERAL VIEW

1. Barcode engine
2. Back Cover
3. On/Off button of Apple device
4. Left and Right scan buttons
5. USB type-C connector
6. Volume buttons of Apple device

7. Opening for
8. Linea battery cover lock/unlock lever
9. Battery cover
10. External features connector

GETTING STARTED

LineaPro 7 Industrial has rechargeable Li-ion battery. Can be charge from USB port or External features connector.
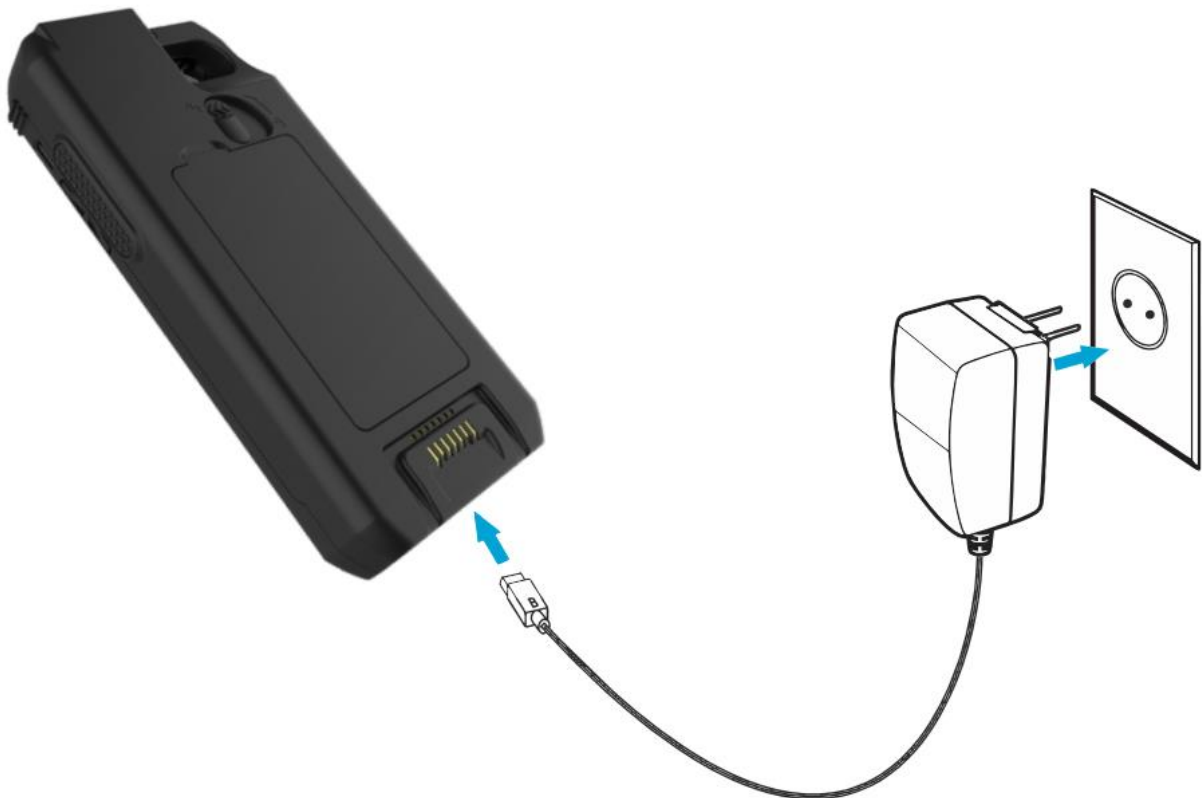
<table>
<tr><td>1</td><td>**Before first use, battery must be fully charged.**
If the device is fully discharged, charging time to fully charged would be approx.
4 hours and 30min.</td></tr>
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Depends of the settings, LineaPro 7 Industrial can pass-through input power supply from USB connector or External features connector to Apple device. Charging current to Apple device can be selected.

Charging form USB adapter:

ATTACHING APPLE DEVICE TO LINEAPRO 7 INDUSTRIAL

First is need to be removed back cover. Then must be slide down iPhone to Linea Pro 7 Industrial lightning connector.

Slide until completely fit of the iPhone to LineaPro 7 Industrial.

Place back cover to LineaPro 7 Industrial.

REPLACING BATTERY OF LINEAPRO 7 INDUSTRIAL

The rechargeable battery of Linea can be replaced. Put the lever (1) to unlock position, then pull up the battery cover (2).

Remove old battery with pulling up.

Insert first the side with contacting pads of the battery then press it down.

Direction of battery cover closing. Place the clips to correct position.

When the battery cover is completely closed, slide the lever to lock position.

| 1 | **Replace battery only with new original battery with part number DTB-2330-ITP.** |

OPERATION MODES

For start operating with LineaPro 7 Industrial is need to be attached Apple device and installed application for iOS. For downloading the latest SDK please contact with your distributor.

For turn On LineaPro 7 Industrial press one of the scan buttons and unlock Apple device screen.

Scanning barcodes

LineaPro 7 Industrial can scan 1D and 2D barcodes. To scan barcode first, activate the scanner (by pressing and holding the scan button). Then position the scanning engine to the center of the barcode by aiming and the illumination box is over the outer edges of the barcode, as shown on the picture below. Slowly pull back or forward the unit, while increasing or decrease the distance between the barcode and the scanning head, until the barcode has been read by the scanner. Barcode data will have shown on the use application for iOS.

LineaPro 7 Industrial support different types of scanning modes:
- Single Scan
- Multi Scan
- Motion Detect
- Multi Scan without duplicates

Contactless cards reading

The LineaPro 7 Industrial has a contactless card reader. Contactless card reader is located on the bottom side. Contactless card, tag or etc… must be placed over the RF ID logo (showed on the picture below).

Transferring data between Apple device and PC or MAC

LineaPro 7 Industrial is supporting sync function when USB cable is plugged.
Sync can be enable or disabled by setting. If "pass-through sync", was disabled, when USB cable is plugged to LineaPro 7 Industrial will be charge only.

1	**To enter in sync mode can be used this way:** **Holding scan button and plug the USB cable. After that scan button must be release.**

Turn off device function

When is pressed this turn off, LineaPro 7 Industrial is going to sleep mode immediately.

Charging Apple device

LineaPro 7 Industrial can charge Apple device, when power source (USB adapter) is attached to USB connector or LineaPro 7 Industrial is placed on Datecs charging station. Charging current to Apple device can be selected from application:
- 500mA (Default)
- 1000mA

LineaPro 7 Industrial can charge Apple device from his own battery. Only is need to be activated function "Automated Charge", to be start charging battery level of LineaPro 7 Industrial must be above 20%.

Updating Firmware

Firmware of LineaPro 7 Industrial can be update with newer version. Press "Update Firmware" from application, first will be shown current firmware version and to which version can be updated, then press update.

Firmware of LineaPro 7 Industrial barcode engine can be update with newer version. Press "Update Barcode Engine Firmware" from application. First will be shown current firmware version and to which version can be updated, then press update.

CARE, MAINTENANCE AND WARRANTY

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- **Keep the LineaPro 7 Industrial side of the reach of small children.**
- **Do not drop or knock LineaPro 7 Industrial**

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- **Do not open the LineaPro 7 Industrial. Only qualified personnel can open the device and make repair. If the LineaPro 7 Industrial is not working, please contact with your dealer.**
- **Allowing unqualified personnel to service your LineaPro 7 Industrial may result in damage to your LineaPro 7 Industrial and will void your warranty.**

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