



Android 9.0

1D/2D Barcode Scanner

4 Inch Display

NFC

UHF RFID

4G/LTE

GPS

Camera

USB

Bluetooth 4.2

WLAN

LogiScan-1750-9 UHF

Android 9.0 Handheld



This rugged handheld computer with the Android 9.0 operating system, Qualcomm Octa-Core processor and QWERTY keyboard, has a replaceable 6700 mAh battery and an optional pistol grip with an extended 5200 mAh battery. With its data acquisition functions for barcodes, UHF RFID and NFC, this device can be used in the areas of logistics, warehousing, manufacturing, retail, etc.

robust • compact • ergonomic



Specifications

<p>Dimensions, Weight Display Battery</p> <p>Touch Panel Loudspeaker, Vibrator, Microphone Interfaces Card Slots Keypad Sensors Indicator LED Environmental Conditions</p> <p>Drop Specification Tumble Specification Protection Class ESD Operating System</p> <p>SDK, Programming Language, Tool CPU, RAM ROM Expansion WLAN</p> <p>WWAN</p> <p>Vo-LTE Bluetooth GNSS UHF RFID</p> <p>2D Scanner</p> <p>Camera NFC</p>	<p>202.0 x 72.5 x 32.0 mm, 738 g (with pistol battery) 4-inch full HD display, IPS LTPS 800 x 480 6700 mAh replaceable main battery, 5200 mAh optional gun battery, support QC3.0 and RTC; Built-in 100 mAh backup battery; Standby up to 680 hours; Permanent operation over 12 hours (depending on user environment); Charging time: 3.5 hours Multi-touch panel, operation with gloves and wet hands is supported available, 2 microphones, 1 for noise reduction USB 3.0, Type-C, OTG, extended thimble 2 slots for SIM card, 1 slot for TF card 37 keys; Side buttons: 2 SCAN buttons, 2 volume buttons, 1 custom button Gravity sensor, proximity sensor, light sensor, acceleration sensor, vibration motor Power supply, charging, status display Operating temperature -20 to + 50°C, storage temperature -40 to + 70°C Humidity 5% RH - 95% RH non-condensing Multiple 1.8 m drops (at least 20 times) onto concrete over the operating temperature range 1000 x 0.5 m falls at room temperature IP67 according to IEC specifications ± 15 kV air discharge, ± 8 kV line discharge Android 9.0; GMS, 90-day security updates, Android Enterprise, Zero-Touch, FOTA, Soti MobiControl and SafeUEM are supported Chainway Software Development Kit, Java, Eclipse / Android Studio Qualcomm 1.8 GHz Octa-core, 3 GB + 32 GB; 4 GB + 64 GB (optional) supports up to 128 GB micro SD card Support for 802.11 a/b/g/n/ac/d/e/h/i/k/r/v 2.4/5 GHz dual band, IPV4, IPV6, 5 G PA; Fast roaming: PMKID caching, 802.11r, OKC; Operating channels: 2.4 GHz (channel 1 ~ 13), 5 GHz (channel 36,40,44,48,52,56,60,64,100,104,108,112,116,120,124,128,132,136,140,144,149, 153,157,161,165); Security and encryption: WEP, WPA / WPA2-PSK (TKIP and AES), WAPI-PSK - EAP-TLS, EAP-TLS, PEAP-MSCHAPv2, PEAP-LTS, PEAP-GTC, etc. 2G: 850/900/1800/1900 Mhz; 3G: CDMA EVDO: BC0, WCDMA: 850/900/1900/2100 MHz, TD-SCDMA: A / F (B34 / B39); 4G: B1/B3/B5/B7/B8/B20/B38/B39/B40/B41 Support Vo-LTE HD video voice call Bluetooth 4.2/4.1+HS/4.0/3.0+HS/2.1+EDR GPS/AGPS, GLONASS, BeiDou, Galileo, internal antenna Engine: CM710-1 module based on Impinj E710 CM2000-1 module based on Impinj Indy R2000; Frequency: 865 - 868 MHz / 920 - 925 MHz; Protocol: EPC C1 GEN2 / ISO18000-6C; Antenna: Circular Polarized Antenna (4 dBi); Power: 1W (30 dBm, +5 dBm to +30 dBm adjustable); R/W ranges: Up to 15 m (open outdoors, Impinj MR6 tag); Fastest Read Rate: 900+ tags/sec; Communication Mode: Pin Connector; Note: Ranges and rates depend on tags and environment Zebra SE4750 MR; 1D barcode types: UPC / EAN, Code128, Code39, Code93, Code11, Inter-leaved 2 of 5, Discrete 2 of 5, Chinese 2 of 5, Codabar, MSI, RSS, etc. ; 2D barcode types: PDF417, MicroPDF417, Composite, RSS, TLC-39, Datamatrix, QR code, Micro QR code, Aztec, MaxiCode; Postal Codes: US PostNet, US Planet, UK Postal, Australian Postal, Japan Postal, Dutch Postal (KIX), etc. 13 MP auto focus, rear, with flash 13.56 MHz; Protocol: ISO14443A / B, ISO15693, NFC-IP1, NFC-IP2, etc. ; Chips: M1 Card (S50, S70), CPU card, NFC tags, etc. ; Reading area: 2 - 4 cm</p>
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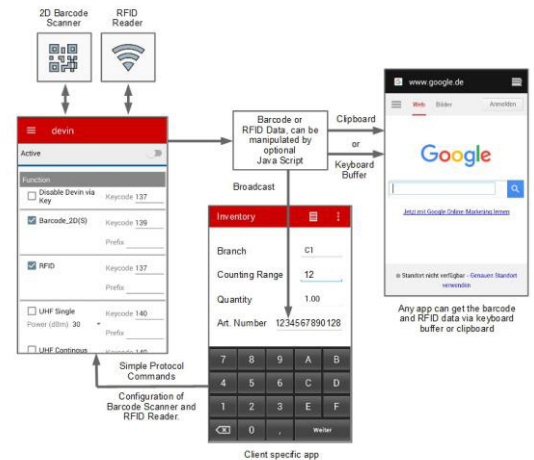
Android Apps for LogiScan-14xx/15xx/17xx/2000/3000

devin

Barcode and RFID Management

The Android app devin allows the transfer of the scanned barcode scanner or RFID reader data of an android-based LogiScan to the keyboard buffer or the clipboard. Alternatively, a broadcast message is possible. Thus, the bar code scanner and RFID reader can serve as a data source for each app.

- Each input device can be activated separately.
- To each input device a key code (can be determined with the Keyboard app from the AppCenter) and a prefix can be assigned.
- If barcodes and RFID tags are to be provided for any existing applications and web pages that do not have any influence on programming, the keyboard buffer is recommended. That means that barcodes and transponder tag IDs appear as keyboard input for the app.
- Prefixes and suffixes can be defined common for all input devices.
- The passed string can be completed with Enter or Tab.
- Scanned data can be output as a message.
- Apps can change the scanner settings.
- If no bar code read and this option is enabled, the scanner turns off when you release the button, if the other switches off after a timeout..



aiBrowser

HTML5 Android Web Browser for Barcode and RFID Applications

The Android app aiBrowser interacts with the Android app devin and allows the transfer of the scanned barcode scanner or RFID reader data of an android-based LogiScan into web applications. The aiBrowser is HTML-5 compliant and is useful for modern JavaScript-based web applications (such as Microsoft Dynamics NAV). The optional kiosk mode prevents access to the system.

The aiBrowser offers, among others, the following functionality:

- Default URL to be called when aiBrowser is started can be set.
- Transfer of the scan data using JavaScript function call or by KeyUp / KeyDown events.
- Auto-login functionality for password-protected web pages.
- Save and load the settings into / from configuration file.



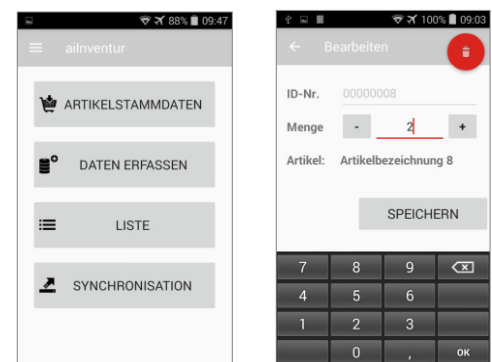
aiMDE

Demonstration of Barcode Scanner and RFID Reader, performing simple Inventory

The Android app aiMDE interacts with the Android app devin. aiMDE is used for the demonstration of barcode scanners and/or RFID readers and can be used for simple inventory with android based LogiScan.

aiInventur offers inter alia the following functionality:

- Load item master data.
- Entry of item number and quantity.
- View the list of collected data.
- Correction of captured data.
- Data synchronization with FTP server or Windows software MTPWin.



DC Adapter for Cradle
Art. No. 30901114



Screen Protector
Art. No. 30901204



Hand Strap
Art. No. 30901202



USB C Kabel auf USB Typ A
Art. No. 80034006



Charging Cradle
Art. No. 30901205



USB/LAN Charging Cradle
Art. No. 30901203

Main Battery
Art. No. 30901207



Pistol Grip Battery
Art. No. 30901118

2-Way Main Battery Charging Station
Art. No. 30901208



2-Way Grip Battery Charging Station
Art. No. 30901209

