aitronic

Android 9.0

1D/2D Barcode Scanner

5.5 Inch Display

NFC

4G/LTE

GPS

Camera

USB

Bluetooth 4.0

WLAN

LogiScan-1730-9

Android 9.0 Handheld

| 2D Imager | NFC | 4G LTE | GPS | Kamera | Bluetooth | WLAN |

LogiScan-1730-9

This robust handheld computer with Android 9.0 and Qualcomm octa-core processor has a 5.5-inch display, a powerful removable battery, support for quick charging and pistol grip. Equipped with a barcode scanner and NFC, this mobile computer meets the requirements in the areas of logistics, storage, manufacturing, retail, system tracking, inspection of power patrols, etc.

robust • compact • ergonomic

Specifications

Dimensions, Weight	160.0 x 76.0 x 15.5 mm, 287 g (device with battery)
Display	5.5-inch high definition full display (18:9) , IPS LTPS 1440 x 720
Battery	4300 mAh removable main battery, 5200 mAh optional pistol battery, support QC 3.0 and RTC; Standby: over 300 hours (only main battery); Continuous use: over 12 hours (depending on user environment); Charging time: 2.5 hours (charge device by standard adaptor and USB cable)
Touch Panel	Corning Gorilla Glass, multi-touch panel, gloves and wet hands supported
Audio	2 Microphones, 1 for noise reduction
Interfaces	USB 3.0, Type-C, OTG, extended thimble
Card Slots	2 slots for SIM card, 1 slot for TF card
Keypad	1 power key, 2 scan keys, 2 volume keys, 1 PTT key
Sensors	Gravity sensor, proximity sensor, light sensor, accelerometer sensor, vibration motor
Indicator LED	Power, charging, status indicator
Environmental Conditions	Operating temperature -20 to + 50℃, storage temperature -40 to + 70℃, Humidity 5% RH - 95% RH non-condensing
Drop and Tumble Specifications, Sealing	Multiple 1.8 m drops (at least 20 times) to the concrete across the operating temperature range; Multiple 2.4 m drops (at least 20 times) to the concrete after installed rubber bumper 1000 x 0.5 m falls at room temperature; IP65 per IEC sealing specifications
ESD	±15 KV air discharge, ±8 KV conductive discharge
Operating System	Android 9.0; GMS, Android Enterprise, Zero-Touch, FOTA, Soti MobiControl, SafeUEM supported
SDK, Programming Languge, Tool	Chainway Software Development Kit;Java; Eclipse / Android Studio
CPU	Qualcomm 1.8 GHz Octa-core
RAM+ROM	2 GB + 16 GB / 3 GB + 32 GB / 4 GB + 64 GB
Expansion	Supports up to 128 GB Micro SD card
WLAN	Support 802.11 a/b/g/n/ac/d/e/h/i/k/r/v,2.4G/5G dual-band, IPV4,IPV6; Fast roaming: PMKID caching, 802.11r, OKC; Operating Channels: 2.4G(channel 1~13), 5G(channel36,40,44,48,52,56, 60,64,100,104,108,112,116,120,124,128,132, 136,140,144,149,153,157,161,165),Depends on local regulations; Security and Encryption: WEP,WPA/WPA2-PSK(TKIP and AES),WAPI- PSK-EAP-TTLS, EAP-TLS, PEAP-MSCHAPv2, PEAP-LTS,PEAP-GTC,etc.
WWAN	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
Vo-LTE	Support Vo-LTE HD video voice call
Bluetooth	Bluetooth 4.2/4.1+HS/4.0/3.0+HS/2.1+EDR
GNSS	GPS/AGPS, GLONASS, BeiDou,Galileo,internal antenna
2D Scanner	Zebra SE4710, 1D Symbologies: UPC/EAN, Code128, Code39, Code93, Code11, Interleaved 2 of 5, Discrete 2 of 5, Chinese 2 of 5, Codabar, MSI, RSS, etc., 2D Symbologies: 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.
Camera	Rear 13 MP Autofocus with flash
NFC	13.56 MHz, Protocol: ISO14443A/B, ISO15693, NFC-IP1, NFC-IP2, etc., Chips: M1 card (S50, S70), CPU card, NFC tags, etc., Range: 2 – 4 cm

devin
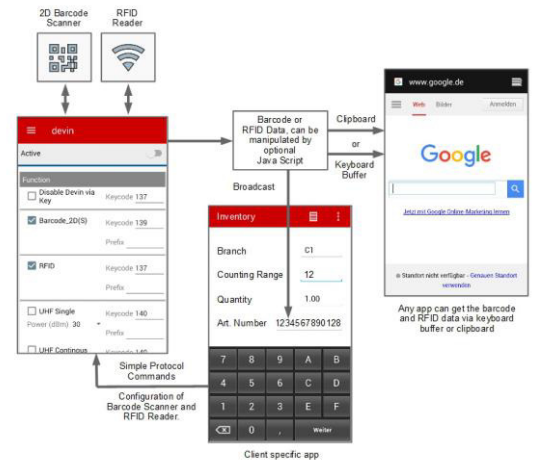### Barcode and RFID Management

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..
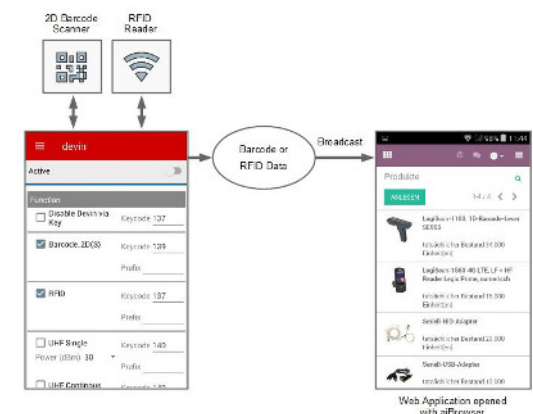
aiBrowser
HTML5 Android Web Browser for Barcode and RFID Applications

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.
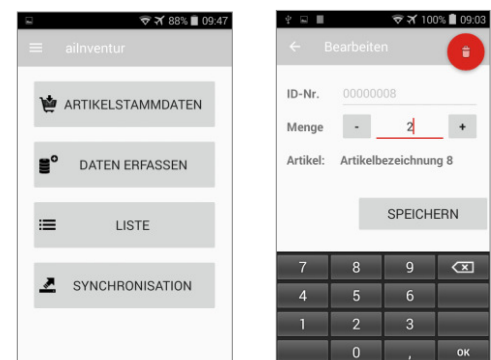- Save and load the settings into / from configuration file.

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.

Accessories

Pistol Grip
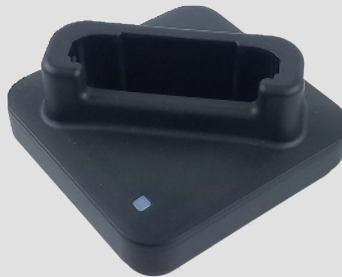without Battery Art. No. 30901106

Screen Protector
Art. No. 30901104

Rugged Rubber Boot
with Hand Strap Art. No. 30901101
mit Belt Clip Art. No. 30900003

Charging Cradle
Art. No. 30901105

Vehicle Charger
Art. No. 30901108

USB/LAN Charging Cradle
Art. No. 30901112

Quadruple Battery Charging Station
Art. No. 30901115

Spare Battery
Art. No. 30901107

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