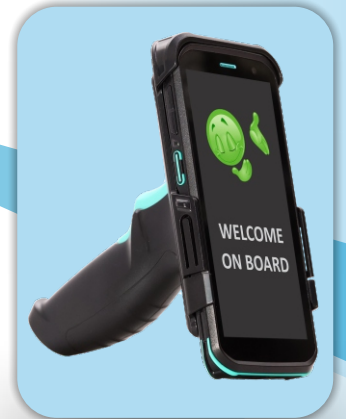


ZT-03 BRGP Boarding pass reader

ZT-03 BRGP - the first wireless boarding pass scanner for airports and other transportation infrastructure facilities.

ZT-03 BRGP - is used for processing data and interacting with airlines' DCS during passenger boarding control on an aircraft.

ZT-03 BRGP - designed for remote scanning of any types of boarding passes. The high speed of passenger boarding is achieved due to the absence of the need to transfer passes to the boarding agent; the agent only needs to aim the scanner at the 2D code of the passenger's boarding pass.



Functions:

- Pre-flight control of departure documents, scanning of boarding passes from paper and electronic devices.
- Scanning of boarding passes and control of boarding from paper and electronic devices.

Application scope:

- Entry to the pre-flight inspection area.
- Boarding Gate.
- Boarding control for business aviation.
- Boarding control during entering an aircraft.
- Automatic re-checking of boarding passes on board.



Technical specifications:

- Compatible with Astra/Linux, Windows, Android operating systems.
- Supports protocols up to AEA 2012 inclusive.
- Compatible with CUSS, CUTE/CUPPS systems.
- Industrial-grade Wi-Fi enables rapid information exchange with the database. 4G mobile connectivity allows for reserving communication channels up to Host.
- Professional device designed for use in challenging conditions. The terminal withstands multiple drops onto concrete from a height of 1.5 meters.
- Warranty period – 24 months.

Dimensions (H × W × D)	156 (H) × 75 (W) × 14,5 (D) mm
Weight	249 g (without battery)
Display	5,45", HD, IPS with resolution 1440 (H) x 720 (W)
Scanner Window	Corning® Gorilla® Glass
Touchscreen	Corning® Gorilla® Glass Capacitive screen, supports operation with gloves.
Backlight	450 nit, LED
Power Supply	Replaceable rechargeable lithium-ion battery 3,85 V / 5000 mAh
Backup Power	Supercapacitor with 5 farads
Expansion Slots / Memory	Micro SD up to 256Gb
Contact Pads	2-contact pad: for pistol grip handle 4-contact pad: charging contact 5 V / 3 A, supports USB and OTG.
SIM slots	2 x nano SIM
Notifications	Audio Signal, Multicolor LEDs, Vibration.
Network Connections	WWAN, Wi-Fi, Ethernet cradle.
Voice and Audio	Speaker, dual microphone, support for USB Type-C headset.
Keyboard	Screen-programmable keyboard Physical keys: programmable - scanning from each side; volume up/down; power; push-to-talk (PTT)
Interface Ports	USB 2.0 OTG - host/client (Type-C)
Processor	Eight-core processor MTK MT6762 Cortex-A53, 2.0 Ghz.
Operating System.	Android 11.0, GMS
Memory	3GB LPDDR3, 32GB eMMC 5.1
Operating Temperature	from -20°C to +50°C
Storage Temperature	from -40°C to +70°C
Humidity	5% - 95% non-condensing
Sealing / Tightness	IP68 indicates a waterproof and dustproof body.
Drop Protection	1,5 meters onto concrete floor
Tumble Test	Withstands 1000 falls from 0.5 meters (2000 impacts).
Electrostatic Discharge	Air discharge +/-15 kV, direct discharge +/-8 kV.
Sensors	Proximity sensor, light sensor, accelerometer, magnetometer, gyroscope.
Scanner	Scanning Module: 2D Imager.
Data Transfer Rate	GPRS: DL / UL 171.2 kbps, EDGE: DL / UL 384 kbps, CDMA1x: DL 153.6 kbps / UL 153.6 kbps, EVDO: DL 3.1 Mbps / UL 1.8 Mbps, DC- HSPA+: DL 42 Mbps / UL 5.76 Mbps, LTE: DL 200 Mbps (CAT12) / UL 75 Mbps (CAT13)
GPS	GPS L1 c A-GPS: GLONASS, BeiDou, Galileo
Wi-Fi	IEEE 802.11 ac/a/b/g/n/ax ready (2.4G/5G dual-band Wi-Fi)
Data Transfer Rate	5 GHz: 802.11 a/n/ac/ax - up to 866.7 Mbps. 2.4 GHz: 802.11 b/g/n - up to 300 Mbps
Security and Encryption	WEP, WPA/WPA2-PSK, WAPI, WAPI-PSK EAP: EAP-TLS, EAP-TTLS, PEAP-MSCHAPv2, PEAP-TLS, PEAP-GTC, PWD, SIM, AKA
PAN	Bluetooth 4.1, Bluetooth (BLE), optional Bluetooth BLE for finding lost (turned off) devices; distance: more than 10m

