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MRZ


Simultaneous reading of MRZ and RFID

Automatic reading of documents ID1 and ID3 formats
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RFID

Automatic document type definition
- 

Comparison of the fingerprint of the passport holder with the one contained in the passport chip
- 

Comparison of the photograph contained in the passport RFID chip with the facial biometric data observed in the holder
- 

Checking data on Stop Lists and databases using online services

Consolidation and transfer of data


APPLICATIONS


- » Border crossing points:


 - Air
 - Navy
 - Railway
 - Automobile
 - Pedestrian
- » Defense and law enforcement agencies
- » Banks
- » Hotels
- » Medical Establishments
- » State institutions





K.BPT800 PORTABLE TERMINAL


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GPS
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Optical Fingerprint
- 


SIM
- 


Wi-Fi
- 

GSM/GPRS
- 

MRZ scanner
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RFID scanner
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Card reader
- 

Touch Screen IPS 8'
- 

Camera

For system developers and integrators the device comes with SDK to customize and extend the system functionality and to integrate it with existing systems.



FEATURES:

- ▶ automatic recognition and reading of the MRZ (Machine-Readable Zone);
- ▶ reading of RFID chips and contactless cards;
- ▶ fingerprints recognition;
- ▶ wireless interface: GSM / GPRS, Wi-Fi, Bluetooth®;
- ▶ GPS navigation;
- ▶ Software Developer Kit (SDK) for integration into existing IT systems.

SPECIFICATIONS

Processor	Intel 1.44 GHz
Operative memory	4 GB
Internal memory	64 GB
Operating System	Windows 10
Camera	2.0 Mpx

DISPLAY

Screen	Capacitive
Matrix	IPS
Diagonal	8"
Resolution	1280 x 800
Brightness	380 Lm

INTERFACES

Wireless Interfaces	3G/GSM/GPS/GPRS/EDGE/UMTS 802.11 b/g/n/ac 2.4G/5G Bluetooth 4.0
Ports	micro USB, mini SIM slot, micro SD card, micro HDMI, 3.5 audio, Dock station port

DOCK STATION

Ports	3 x USB Ethernet
Power supply	5.0 V - 3.0 A

POWER SUPPLY

AC input	100-240 V ~ 50/60 Hz
DC output	5.0 V - 3.0 A
Battery Charger	3,7 V / 8500 mAh

HOUSING

Dimensions	214 x 190 x 45 mm
Weight	750 g
Protection	IP67

DOCUMENT SCANNER

OSR scanner	MRZ: ICAO 9303 optical
Data transfer speed (host scanner)	12 Mbit

RFID READER

Antennas	2
Standard	ISO 14443 (type A & B, T=CL)
Data transfer speed (host reader)	12 Mbit
Data transfer speed (PICC)	up to 848 kbps

FINGERPRINT SCANNER (OPTIONALLY)



Sensor type	Optical
Resolution	500dpi/256gray
Scan area size	15.24 x 20.32 mm
Image size	300 x 400
Compression standard	WSQ
Image format	ISO19794-4
Interface	micro USB 2.0
Protection	IP65