



KAPTIO open development platform
Access Control & T.A. Solutions



Why choose Kaptio?

- **Quick and powerful Platform**
Android, Linux or Windows® OS with Quad-core CPU and big store capacity for data and application.
- **Capacitive 7" Touch screen**
Large touch screen with high resolution for an intuitive user experience with anti-fingerprint protection.
- **RFID reader**
Compatible with ISO14443 as Mifare, Desfire, Ultralight C. Supports cards with biometric data (ToC - Template on Card).
- **Secure biometric identification**
Compliant with ISO19794-2 and ANSI 378. AES fingerprint data encryption with 256 bits to ensure the identity.
- **Safe and versatile Network connection**
Supports TCP / IP, Ethernet, WiFi, 4G and BT for data synchronization to build a central secure administration system.
- **Easy wall installation**
Designed for installation on wall, includes stainless steel bracket.



Technologies



Optional



Design or adapt native Android, Windows®, Linux or web based applications.



Specifications

	Android	Linux	Windows®
EMBEDDED PC			
OS	Android 6.0 Marshmallow based on Kernel 3.14LTS - Ubuntu 16.04	Raspbian	Windows® 10
CPU	Amlogic S905 SoC 4 x ARM Cortex-A53 1.5GHz 64bit ARMv8 Architecture @28nm	Broadcom BCM2837B0 Cortex-A53 1.4GHz 64bit ARMv8 Architecture	Intel Cherry Trail Z8350 Quad Core 1.8GHz
GPU	3 x ARM Mali-450 MP 700MHz		Intel HD Graphics, 12 EUs @200-500 Mhz, single-channel memory
Memory	eMMC5.0 - 16GB	USB Flash Memory 16GB	32 GB
RAM	2GB 32bit DDR3 912MHz	1GB LPDDR2 SDRAM	2GB DDR3L
Display	7.0" TFT Capacitive (800x480 px)		7.0" TFT Capacitive (1024x600 px)
READERS			
Fingerprint sensor	FIM 6060		
Cards & Protocols High Frequency	Mifare Classic, Ultralight, Desfire - ISO14443A		
Cards & Protocols Low Frequency	Optional		
Bluetooth	Optional (4.0)	4.2 BLE	4.0
SERVER INTERFACE			
Ethernet	10 / 100 / 1000 Mbit/s		
RS-232	NO		
INTERFACE			
Digital Inputs	4		
Wiegand/TTL Input	2 (internal)		
RS-232	2 (internal)		
USB 2.0 Ports	2	2	1
Relay	2 with NC and NO contacts / 1 with NO contact		
Buzzer	YES		
LED	YES		
GENERAL			
Operating Temperature	-20° a +50°C		
Storage temperature	-30° a +70°C		
Power	12W		
Dimensions	234 x 119 x 50 (mm)		
SOFTWARE TOOLS			
Protocol	KXP		
Tools	API		