

# ID Platform FAP50 | Second Generation |



## PHYSICAL CHARACTERISTICS

<b>DIMENSIONS &amp; WEIGHT</b>	288 mm x 147 mm x 25 mm   980 grams
<b>SCREEN</b>	7" TFT LCD   1280x800 HD   400 cd/m <sup>2</sup>   16.7M Colors   Touch/Panel Glass: 0.7mm Corning Glass GFF Sensor Type   Capacitive 5 Points Multi Touch   Possibility to add an Extra Tempered Glass Protection
<b>CAMERA</b>	5MP FF Front Camera (SP5506)   13MP Rear Camera Auto Focus (OV13850)   Dual Flash Light
<b>IRIS RECOGNITION</b>	13MP FF IR Rear Camera (IMX258)   Dual IR LED (SFH4787S)
<b>BATTERY</b>	1 x 12000 mAh   Removable battery   Robust 2.5mm   Power Jack socket for 12V / 2A charger   Up to 5A Quick Charge Operation with Power Bank on DC Jack (Battery Hotswap)
<b>EXTENSION AND COMMUNICATION PORTS</b>	USB type C for service port   USB type A host connector   1 Micro SIM Slot   1 Micro SAM Slot   1 Micro SD Slot
<b>AUDIO</b>	Audio Jack: Headset with Microphone   Bluetooth Headset Compatible   Loudspeaker 1W
<b>SENSORS</b>	Light Sensor   Magnetometer   G sensor   Gyroscope   Vibrator

## PERFORMANCE CHARACTERISTICS

<b>PROCESSOR</b>	Octa Core SDM450 @ 1.8 GHz
<b>MEMORY</b>	16 GB eMMC + 2 GB DDR3   32 GB eMMC + 4 GB DDR3 (OPTIONAL) MicroSD TFLASH: Up to 256 GB
<b>OPERATING SYSTEM</b>	Android 9   FOTA Firmware-Over-The-Air capability

## WIRELESS COMMUNICATIONS

<b>BLUETOOTH</b>	4.0 - Low Energy
<b>WLAN</b>	WiFi 802.11 a/b/g/n - Direct - HotSpot
<b>WWAN</b>	2G supported frequency bands: GSM(850), EGSM(900), DCS(1800), PCS(1900) 3G supported frequency bands: WCDMA Band 1,2,5,8 4G supported frequencies bands: LTE-FDD Band 1, 3, 7, 20, 28 A&B LTE-TDD Band 40
<b>INTEGRATED GPS</b>	GPS   A-GPS   GLONASS   BeiDou (active antenna)

## IDENTIFICATION MODULE

<b>CONTACTLESS CARD READER</b>	NFC: NXP IC on board (PN80T:PN553 + P73N2M0)
<b>SECURE ELEMENT</b>	SAM socket (SWP IF with NFC IC)   P73N2M0 (NFC IC)   Secure Boot and Execution (OPTIONAL)

## FINGERPRINT READER

<b>FINGERPRINT MODULE</b>	Integrated Biometrics FAP 50 "FIVE-0"
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## REGULATORY

<b>CERTIFICATION</b>	EU: CE certification   FCC: In progress   Other Countries: On demand
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