

ID Platform

FAP50 | First Generation |



PHYSICAL CHARACTERISTICS

DIMENSIONS & WEIGHT	288 mm x 147 mm x 25 mm 980 grams
SCREEN	7" TFT LCD 1280x800 HD 400 cd/m ² 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
CAMERA	13MP Rear Camera Auto Focus (OV13850) Dual Flash Light
IRIS RECOGNITION	13MP FF IR Rear Camera (IMX258) Dual IR LED (SFH4787S)
BATTERY	1 x 12000 mAh Removable battery Robust 2.5mm Power Jack socket for 9V / 2.5A charger Operation with Power Bank on DC Jack (Battery Hotswap)
EXTENSION AND COMMUNICATION PORTS	USB type C for service port USB type A host connector 1 Micro SIM Slot 1 Micro SAM Slot 1 Micro SD Slot
AUDIO	Audio Jack: Headset with Microphone Bluetooth Headset Compatible Loudspeaker 1W
SENSORS	Light Sensor Magnetometer G sensor Gyroscope Vibrator

PERFORMANCE CHARACTERISTICS

PROCESSOR	Octa Core MSM8939 @ 1.5 GHz
MEMORY	16 GB eMMC + 2 GB DDR3 MicroSD TFLASH: Up to 128 GB
OPERATING SYSTEM	Android 6 FOTA Firmware-Over-The-Air capability

WIRELESS COMMUNICATIONS

BLUETOOTH	4.0 - Low Energy
WLAN	WiFi 802.11 a/b/g/n - Direct - HotSpot
WWAN	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
INTEGRATED GPS	GPS A-GPS GLONASS BeiDou (active antenna)

IDENTIFICATION MODULE

CONTACTLESS CARD READER	NFC: NXP IC on board (PN66T:PN548/C2 + P61N1M3)
SECURE ELEMENT	SAM socket (SWP IF with NFC IC) P61N1M3 (NFC IC) Secure Boot and Execution (OPTIONAL)

FINGERPRINT READER

FINGERPRINT MODULE	Integrated Biometrics FAP 50 "FIVE-0"
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REGULATORY

CERTIFICATION	EU: CE certification FCC: In progress Other Countries: On demand
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