

ID Platform FAP50 Swipe OCR



P/N : IDP-FAP50-3A030021XX93

PHYSICAL CHARACTERISTICS

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| DIMENSIONS & WEIGHT | 288 mm x 177 mm x 37 mm 1000 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 | 8MP Fixed Focus Front Camera (IMX219) 13MP Auto Focus Rear Camera (OV13850) Dual Flash Light |
| BATTERY | Battery life over 8 hours 1 x 12600 mAh Removable battery Robust 2.5mm Power Jack socket for 12V / 2.5A charger |
| EXTENSION AND COMMUNICATION PORTS | USB type C for service port USB type A host connector 2 Micro SIM/USIM slots (ISO7816) 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

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| PROCESSOR | Octa Core SDM450 @ 1.8 GHz |
| MEMORY | 16 GB eMMC + 2 GB DDR3 MicroSD TFLASH: Up to 256 GB |
| OPERATING SYSTEM | Android 9 |

USER ENVIRONMENT

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| IP SEALING | IP54 excluding smartcard reader (can be upgraded with a protective case to IP65 or even IP67) |
| TEMPERATURES | Operating Temperature: -20°C to +50°C |
| DROP SPECIFICATION | Multiple drops from 1.2m Compliant MIL-STD-810G |

WIRELESS COMMUNICATIONS

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| BLUETOOTH | 4.0 - Low Energy |
| WLAN | WiFi 802.11 a/b/g/n/ac - 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

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| CONTACTLESS CARD READER | NFC: NXP IC on board (PN80T:PN553 + P73N2M0) Compliant with ISO14443 A/B and ISO15693 With Secure Element - Read / Write mode - HEC - Card Emulation |
| SECURE ELEMENT | P73N2MP (NFC IC) SIM/USIM socket (SWP IF with NFC IC + ISO7816 IF with CPU) |
| OCR READER | Compliant 9303 ICAO <ul style="list-style-type: none"> Machine Readable Passports: 2 lines of 44 characters Machine Readable Visas: 2 lines of 44 characters, 2 lines of 36 characters Travel documents: 2 lines of 36 characters, 3 lines of 30 characters |

BIOMETRICS READER

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| FINGERPRINT SCANNER | Integrated Biometrics "FIVE-0" (4-4-2) Capacitive - LES technology (Light Emitting Sensor) Supported Image Formats WSQ (FBI-approved) FBI PIV / FAP50 / FIPS 201 certified Active area: 81.28 mm x 50.80 mm Resolution: 500 PPI |
| IRIS SCANNER | 2.4MP Rear Camera (IMX132) Dual IR LED (SFH4787S) |

REGULATORY

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| CERTIFICATION | EU: CE certification Other Countries: on demand |
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