



APos A20 FP



Android 10



STQC, UIDAI Certified
Fingerprint Sensor



5.5" HD LCM,
8M + 2M Cameras



MSR + IC + NFC + QR



4G + 3G + 2G,
WiFi 5G/2.4G, BT 4.2



AEPS, Aadhar Pay, eKyc etc.



Retail



Fresh market



Restaurant



Coffee shop



Franchise store



Convenience store

APos A20 FP

SPECIFICATIONS

Operating System	Android 10
Processor	Quad-Core 4x1.3G, A53
Memory	2GB LPDDR + 16GB eMMC
Communications	4G (TD-LTE / FDD-LTE) + 3G (WCDMA / TD-SCDMA) + 2G (GSM / GPRS), WiFi 2.4GHz / 5GHz (802.11 a/b/g/n), Bluetooth 4.2 BLE
Location	GPS, GLONASS, Beidou, A-GPS
Display	5.5" (1280 × 720) LCD, capacitive multi-touch screen
Cameras	Front : 2M, FF(Optional) Rear : 8M AF with Flash Support Scanner 1D&2D code / QR
Printer	Print speed: 60 mm/s, Paper roll: 58 mm width, diameter 40 mm
Battery	Li-ion battery, 3.8v,5000mAh(7.6V/2500mAh)
MSR	ISO/IEC 7811, ISO/IEC 7813, Track 1/2/3, Bi-directional swiping
IC	ISO/IEC 7816, Conform to EMV L1/L2
PSAM	ISO/IEC 7816 standard
NFC	13.56MHz, ISO/IEC 14443, ISO18092, Type A&B, Felica, Mifare card
Fingerprint	Live Skin Sensing (With ultra red scanning beneath skin, Optional)
Card Slot	TF-Card Max support 64GB TF-card; 2 x SIM +1 x SAM or 1 x SIM +2 x SAM
Peripheral Ports	USB2.0 OTG, Type-C x 1
Power	Input: 100-240V, 50/60Hz 0.35A Output: 5V/2000mA
Physical	212.6mm (L) × 79.1mm (W) × 51.9mm (H)
Certifications	PCI 5.1, EMV L1&L2, EMV Contactless L1, Paypass, payWave, AMEX ExpressPay, Discover, JCB, Pure, qUICS, Rupay, NSICC, TQM, CE, RoHS, BIS, WEEE, CB, WPC, BISDGM, UN38.3, MSDS, PVOC GSMA,Telec&JATEANRT, CMC, STQC, UIDAI.



PURE Payments



(An ISO 9001, 14001 & 27001)

ACCESS COMPUTECH PVT. LTD.

Innovation & Trust, Since 1994

504/6, GIDC Industrial Estate, Makarpura, Vadodara, Gujarat, INDIA. PIN: 390 010.

Phone: +91-265-6110 900, 901, Fax: +91-265-6110 968

URL: www.acplsystems.com Email: support@acplsystems.com

- UIDAI Approved authentication Device for Aadhar, L0 and L1
- STQC Approved Single Finger Scanner
- BIS Registration No.: R-72003948, Confirming to IS 13252 (Part-I):2010 + A1:2013 + A2:2015/IEC 60950-1:2005 + A1:2009 + A2:2013,
- Device as per MOSIP L1 and UIDAI L1 spe cs, having Pre certified Renesas Controller.
- USB 2.0 Interface (High Speed), Micro USB , Type-C
- Fast scanning speed
- Non-distorted image quality
- Small template size, ISO & PIV , BIS approved.
- Outstanding placement to image identification performance
- Ergonomic design to guide finger position for effective scanning
- The reader is totally shock proof, for accidental falls from table.
- Suitably protected against dust and water ingress, IP54
- Having Secure boot, Encryption in trust zone, FTM Supported Security

Sensors	Optical
Image Resolution	500 dpi (H), 500 dpi (V)
Image Capture Area	13.41 x 16.45(mm); 15.44x17.475(mm) Optional
Platen Area	16.5x19 (in mm) (HxV)
Scanner Output Image Size/Native	264x324 pixel (HxV) 304 x 344 pixel (HxV) , Optional
Gray Level	8 bit/pixel, max 256 gray scales
Image Ratio of Length to Width	1:1
Distortion	<1% Meeting specifications
Scanning Light source	Ultra Red(940nm) capable of support more
Battery	ISO/IEC 7816, Conform to EMV L1/L2
API	Image Capture, Enrollment / Template Extraction



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