

# One Partner, Endless Possibilities



Point of Sale  
(POS) Machines



Access  
Control



Payment  
Solutions



Fingerprint  
Scanners



Attendance  
Systems

# Get To Know Us

At Access Computech, we've been delivering dependable, customised solutions for over 30 years, specialising in Point-of-Sale Machines and Personalised Identification Systems. From Attendance Recording and Access Control to Visitor Management, we create tailored systems that fit our clients' unique needs.

Our tailored systems have enhanced efficiency across industries such as petrochemicals, refineries, steel, mining, power, electronics, and textiles. With a passionate team and offices across the country, we stay ahead of the curve by adopting emerging technologies to deliver the latest, most reliable, high-quality solutions for our clients.

**Our mission is simple:** To consistently meet and exceed the expectations of our clients by adhering to the highest industry standards.

**Our Certifications & Accreditations:** Certified for excellence with ISO 9001, ISO 14000, ISO 27001, and CMM Level 3, we uphold industry-leading standards in every aspect of our business.



# Company Highlights

**30+**  
years



Established in 1994 with over  
30 years of trusted expertise



A robust  
pan-India  
presence  
for seamless  
support

**200+**  
team members

Driving excellence across industries

**18**

Locations  
Nationwide



**10+**  
million  
users

**~ 30%**  
CAGR growth

(1994–2024)

Continuous  
R&D to lead  
innovation

Proven,  
consistent  
progress over  
decades



Serving  
businesses  
of all sizes

**2.2 million**

Installations Worldwide



POS Solutions

# Simplify Payments. Scale Your Business.

Our variety of POS machines, integrated with the SmartPay application, absolutely revolutionises payment systems for businesses of any size.



# A20 & A20 FP

Affordable | Reliable | Made in India

The A20 & A20FP aren't just packed with smart features, they're designed and made in India, keeping in mind the exact needs of Indian businesses.

A20



**Portable & Tough:**  
Sleek, durable design built for daily business needs.

**Quick Payments:** Accepts NFC, smart cards, MAG cards and QR codes.

**A20 FP  
Fingerprint** (with UIDAI certified L1 Optical Fingerprint scanner)



**Effortless Operations:**  
Familiar Android interface easy for anyone to use.

# A20 & A20 FP Specifications

OS. & Processor	Android 10 (Android 12 optional), Quad-Core, 4×1.3G, A53
Memory and Display	1GB RAM + 8GB ROM (2GB + 16GB optional)   5.5 inch, 1280 × 720, IPS, Capacitive Touch Screen
Card Slots & Ports	SIM*2 + PSAM*1   Type C*1(USB2.0, OTG) (with UIDAI certified L1 Optical Fingerprint scanner)
Camera	Rear: 8MP AF with Flash Support Scanner 1D&2D code & QR Code   Front: 2MP FF
Printer	High-speed thermal printer, Paper size: 58×40mm diameter
Magnetic Card Reader	ISO/IEC 7811, ISO/IEC 7813, Track 1/2/3, Bi-directional swiping
IC Card Reader & Battery	ISO/IEC 7816, Conform to EMV L1/L2   3.8V/5000mAh
NFC	13.56MHz, ISO/IEC 14443, ISO18092, Type A&B, Felica, Mifare card
Adapter	Input: 100-240V AC, 50/60Hz 0.35A Output: 5V DC/2.0A
Physical and Weight	212.6mm (L) × 79.1mm (W) × 51.9mm (H)   427g
Accessories	Adapter*1, USB Cable(only charging)*1, Manual*1
Communications	4G (LTE-FDD/LTE-TDD) + 3G (WCDMA) + 2G (GSM/GPRS), WiFi 2.4GHz/5GHz, BT4.2 (BR/EDR+BLE)
Location	GPS, Beidou, Galileo/GLONASS
Environment	Operating Temperature: -10°C - 50°C (14°F-122°F) Storage Temperature: -20°C - 70°C (-4°F-158°F) Relative Humidity: 5%-96% (Non-Condensing)
Certifications	PCI, EMV L1&L2, EMV Contactless L1, Paypass, payWave, Discover, AMEX ExpressPay, JCB, Pure, qUICS, Rupay, NSICC, TQM, RoHS, CE, BIS, WEEE, CB, WPC, BIS, DGM, UN38.3, MSDS, NTRA-VOC, GSMA, Telec&JATE, ANRT, CMC

# F210

Compact | Stylish | Fast

The F210 is an advanced Android POS system capable of omnichannel payments support.

**Omnichannel Payments:**  
NFC, Stripe Card, IC Card,  
QR Code.



**High-speed printer:**  
Thermal printer offers fast &  
smooth receipt printing.



**High Connectivity & Performance:** Stable network with fast payment environment.



**Compact & stylish:** Fits in your hand and gives you a splendid user experience.

# F210 Specifications

OS. & Processor	Android 10, Quad-Core, 4×1.4G, A53
Card Slots & Ports	Micro SIM*2 + PSAM*1 + TF Card*1(TF, Max support 256GB), Type C*1(USB2.0,OTG)
Memory and Display	RAM: 1GB /ROM: 8GB   5.0 inch, 1280 × 720, IPS
Camera	Rear: 8MP AF with Flash Front: 2MP FF
Printer and Battery	Thermal printer, Paper size: 58×40mm   3.8V/5000mAh
Magnetic Card Reader	ISO/IEC 7811, ISO/IEC 7813, Track 1/2/3, Bi-directional swiping
IC Card Reader	ISO/IEC 7816, Conform to EMV L1/L2
NFC	13.56MHz, ISO/IEC 14443, ISO18092, Type A&B, Felica, Mifare card
Adapter	Input: 100-240V AC, 50/60Hz 0.35A Output: 5.0V DC/2.0A
Physical and Weight	197mm (L) × 82.1mm (W) × 52.5mm (H)   410g
Accessories	Adapter*1, USB Cable(only charging)*1, Manual*1
Communications	4G (LTE-FDD/LTE-TDD) + 3G (WCDMA) + 2G (GSM/GPRS), WiFi 2.4GHz, BT4.2 (BR/EDR+BLE)
Location	GPS, Beidou/GLONASS
Environment	Operating Temperature: -10°C - 50°C (14°F - 122°F) Storage Temperature: -20°C - 70°C (-4°F - 158°F) Relative Humidity: 5%-96% (Non-Condensing)
Certifications	PCI, EMV L1&L2, EMV CL L1, Amex, Paywave, Paypass, Discover, JCB, Pure, QUICS, NTRA-VOC, WEEE, CE, GSMA, TQM(TBD), CCC, SRRC, Nal Certificate, UPTS3.0, PBOC3.0 L1& CL2, PBOC3.0 CL1, DGM\UN38.3\MSDS

# F360

Compact | Future-Ready

This classy and compact, **Red Dot** award-winning device makes it easy to accept multiple types of payments.



**reddot award**  
product design

**All-Day Battery:**  
2000mAh for  
uninterrupted use.



**Portable & Lightweight:**  
Just 145g—perfect for  
counters or on-the-go.

**Reliable Connectivity:**  
4G, dual-band WiFi, and  
Bluetooth 5.0.

**Built Tough:**  
Performs in extreme  
temperatures &  
high humidity.

# F360 Specifications

OS. & Processor	Android 13, Quad-Core, 4×A53 @2.0GHz
Memory and Display	RAM: 1GB /ROM: 8GB   3.2 inch, 320 × 240Pixel, IPS LCD, Two Point-touch
Card Slots & Ports	SIM*1(nano) + PSAM*1   Type C*1(USB2.0,OTG), Pogopin*1(optional)
Camera	Front Camera: 0.3MP FF, Support Scanner 1D&2D code
Battery	Li-ion Polymer 3.7V/2000mAh
Keys & Indicator	Page left, menu, right page, delete, back, confirm keys   Grass green(No swipe), Orange-red(Credit card), Gradient color(Swipe is done)
IC Card Reader	ISO/IEC 7816, Conform to EMV L1/L2
NFC	13.56MHz, ISO/IEC 14443, ISO18092, Type A&B
Adapter	Input: 100-240V AC, 50/60Hz 0.35A Output: 5V DC/2.0A
Physical and Weight	Φ98.5mm × 22.9mm (H)   145g
Accessories	Adapter*1, USB Cable(only charging)*1, Manual*1
Communications	4G (LTE-FDD/LTE-TDD) + 3G (WCDMA) + 2G (GSM/GPRS), WiFi 2.4GHz/5GHz, BT5.0 (BR/EDR+BLE)
Location	GPS, Beidou, Galileo, GLONASS
Environment	Operating Temperature: -10°C - 50°C (14°F - 122°F) Storage Temperature: -20°C - 70°C (-4°F - 158°F) Relative Humidity: 5%-96% (Non-Condensing)
Certifications	PCI, Paywave(VISA), Paypass(Mastercard), Pure, Amex, QM, FCC EMV L1/L2, EMV Contactless L1, D-PAS(DISCOVER), QUICS, RoHS, CE

# F300

Compact | Ready for Business

The F300 Pocket POS machine is a compact, reliable device designed to handle fast transactions and streamline your business operations.

**Clear 4-Inch Display:**  
Bright, sharp visuals for easy handheld or countertop use.



**Built to Last:** Operates in tough conditions with an all-day battery.

**Lightweight and Portable:**  
Compact at 174g, perfect for on-the-go businesses.



**Flexible Payments:**  
Accept magnetic stripe, chip, & NFC contactless transactions.

# F300 Specifications

OS. & Processor	Android 10, Quad-Core, 4×1.3G, A53
Memory and Display	RAM: 1GB /ROM: 8GB   4.0 inch, 480 × 800, IPS
Card Slots & Ports	SIM*1 + PSAM*1   Type C*1(USB2.0, OTG)
Camera	Rear: 2MP FF with Flash LED
Battery & Audio	3.8V/2800mAh(Built-in battery)   1W
Magnetic Card Reader	ISO/IEC 7811, ISO/IEC 7813, Track 1/2/3, Bi-directional swiping
IC Card Reader	ISO/IEC 7816, Conform to EMV L1/L2
NFC	13.56MHz, ISO/IEC 14443, ISO18092, Type A&B, Felica, Mifare card
Adapter	Input: 100-240V AC, 50/60Hz 0.35A Output: 5V DC/2.0A
Physical and Weight	135.5mm (L) × 65mm (W) × 16.5mm (H)   174g
Accessories	Adapter*1, USB Cable(only charging)*1, Manual*1
Communications	4G (LTE-FDD/LTE-TDD) + 3G (WCDMA) + 2G (GSM/GPRS), WiFi 2.4GHz, BT4.2 (BR/EDR+BLE)
Location	GPS, Beidou, GLONASS
Environment	Operating Temperature: -10°C - 50°C (14°F-122°F) Storage Temperature: -20°C - 60°C (-4°F-140°F) Relative Humidity: 5%-96% (Non-Condensing)
Certifications	PCI, EMV L1&L2, EMV Contactless L1, Paypass, payWave, JCB, AMEX ExpressPay, Discover, Pure, qUICS, Rupay, NSICC, TQM, CE, RoHS, BIS, DGM, UN38.3, MSDS, NTRA-VOC, GSMA

# F310

Fast | Flexible | Secure

The F310 POS machine is designed to make your business operations fast, secure, and easy to manage.

**All-Day Power:** 3000mAh battery with a lightweight design (278g) for portability.

**Powerful Performance:** 2.0GHz quad-core processor, 2GB RAM, and 16GB storage for smooth multitasking.



**Expandable Storage:** Supports SD cards up to 1TB for extensive data needs.

**Flexible Payments:** Accept magnetic stripe, chip, & NFC contactless transactions.

# F310 Specifications

OS. & Processor	Android 13, Quad-Core, 4×2.0G, A53
Memory and Display	RAM: 2GB/ROM: 16GB   6.5 inch, 720 × 1600, IPS LCD, Multi-touch
Card Slots & Battery	SIM*1 + PSAM*2 or SIM*2 + PSAM*1, 1*SD(up to 1TB)   3.8V/3000mAh
Camera	Rear Camera: 8MP AF with Flash LED, Support Scanner 1D&2D code   Front Camera: 2MP FF, Support Scanner 1D&2D code
Peripheral Ports	Type C*1 (USB2.0, OTG), Pogopin(5PIN)*1, Pogopin(8PIN)*1
Magnetic Card Reader	ISO/IEC 7811, ISO/IEC 7813, Track 1/2/3, Bi-directional swiping
IC Card Reader	ISO/IEC 7816, Conform to EMV L1/L2
NFC	13.56MHz, ISO/IEC 14443, ISO18092, Type A&B
Keys & Multimedia	Power Key, Function key, Volume+/- key   Audio speaker
Sensor	Proximity Sensor(P-Sensor), Light Sensor(L-Sensor)
Adapter	Input: 100-240V AC, 50/60Hz 0.35A Output: 5V DC/2.0A
Physical and Weight	173mm (L) × 82.5mm (W) × 17.2mm (H)   278g
Accessories	Adapter*1, USB Cable(only charging)*1, Manual*1
Communications	4G (LTE-FDD/LTE-TDD) + 3G (WCDMA) + 2G (GSM), WiFi 2.4GHz/5GHz, BT5.0 (BR/EDR+BLE)
Location	GPS, Beidou, Galileo, GLONASS, QZSS, SBAS
Environment	Operating Temperature: -10°C - 50°C (14°F-122°F) Storage Temperature: -20°C - 70°C (-4°F-158°F) Relative Humidity: 5%-96% (Non-Condensing)
Certifications	PCI, EMV L1/L2, EMV CL L1, Amex, Paywave, Paypass, Discover, Pure, TQM, QUICS, CE, FCC, ROHS

# M10 & M8 Soundbox

Clear Audio Alerts for Smooth Transactions

They make managing payments easier with clear audio alerts.

**Always Connected:**  
4G support for consistent performance anywhere.



**Long Battery Life:**  
2000mAh battery lasts all day.



M10 Soundbox

**Loud Alerts:** 4W speaker ensures clear payment notifications.

**Portable Design:** Lightweight (223g) with optional QR bracket for easy access.

## M10 & M8 Soundbox Specifications

Processor	Cortex-R5 RTOS
Memory	RAM: 4MB / ROM: 4MB
Speaker	4Ω/3W
Keys / Buttons	Power, Volume +/-, Function, Reset
Indicator	Red, green, and blue indicator
Card Slot	SIM*1
Peripheral Ports	Type-C
Battery & weight	2000mAh   223g
Power	Support 5V-1A power adapter input
Physical	132mm(L) × 65mm (W) × 73mm (H) With QR Code Bracket: 132mm(L) × 65mm(W) × 181mm(H)
Environment	Operating Temperature: -10°C ~ 50°C (14°F-122°F) Storage Temperature: -20°C ~ 60°C (-4°F-140°F) Relative Humidity: 5%-96% (Non-Condensing)

# ePayPOS600

Compact | Reliable | Secure

A portable card reader that's perfect for businesses that want a simple, reliable way to process payments.

**Versatile Options:**  
Swipe, chip, and NFC payments supported.



**All-Day Power:**  
500mAh battery with quick charging.

**Customisable:** We can customise the color according to your brand identity.



**Portable Design:**  
Lightweight (80g) and compact for mobile or tight spaces.

# ePayPOS600 Specifications

OS. & Processor	RTOS, 32-bit RISC Core
Memory and Display	128KB RAM, 4MB Flash   1.4 inch, 128 × 64, Mono
Bluetooth	BT4.2 (BR/EDR+BLE)
Battery	3.7V/500mAh
Keys / Buttons	5 × 3 PIN pad 15 keys
Magnetic Card Reader	ISO/IEC 7811, ISO/IEC 7813, Track 1/2/3, Bi-directional swiping
IC Card Reader	ISO/IEC 7816, Conform to EMV L1/L2
NFC	13.56MHz, ISO/IEC 14443, ISO18092, Type A&B, Felica, Mifare card
Adapter	Input: 100-240V AC, 50/60Hz 0.35A Output: 5.0V DC/1.0A
Physical and Weight	113.6 mm(L) × 59 mm(W) × 14 mm(H)   80g
Accessories	USB Cable(only charging)*1, Manual*1
Peripheral Ports	Micro USB 2.0
Audio	BEEP
Environment	Operating Temperature: 0°C ~ 45°C (32°F ~ 113°F) Storage Temperature: -10°C ~ 60°C (14°F ~ 140°F) Relative Humidity: 5%-96% (Non-Condensing)
Certifications	PCI, EMV L1, EMV CL1, EMV L2, Paywave, Paypass, Amex, Discover, JCB, Pure, QUICS, Rupay, TQM, CE, FCC, BIS, ANRT, WPC, PBOC3.0 L1& CL2, PBOC3.0 CL1, DGM\UN38.3\MSDS

Particulars	A20 & A20 FP	F210	F300
OS	Android 10 / 12	Android 10	Android 10
Processor	Quad-Core, 4×1.3G, A53	Quad-Core, 4×1.4G, A53	Quad-Core, 4×1.3G, A53
Memory	1GB RAM + 8GB ROM (2GB + 16GB optional)	1GB RAM + 8GB ROM	RAM: 1GB /ROM: 8GB
Display	5.5 inch, 1280 × 720, IPS, Capacitive Touch Screen	5.0 inch, 1280 × 720, IPS	4.0 inch, 480 × 800, IPS
Weight & Battery	427g, 3.8V/5000mAh	410g, 3.8V/5000mAh	174g, 3.8V/2800mAh
Card Slots	SIM*2 + PSAM*1 (SIM*1 + PSAM*2 optional)	Micro SIM*2 + PSAM*1 + TF Card*1(TF, Max support 256GB)	SIM*1 + PSAM*1 support 256GB)
Ports	Type C*1(USB2.0, OTG), Biometric attached with A20 FP	Type C*1 (USB2.0,OTG)	Type C*1 (USB2.0, OTG)
Camera Rear/Front	8MP/2MP	8MP/2MP	2MP/0
Printer	Yes	Yes	No
Magnetic Card Reader	Yes	Yes	Yes
IC Card Reader & NFC	Yes	Yes	Yes
Communications	Wifi+2G/3G/4G +Bluetooth 4.2	Wifi+2G/3G/4G +Bluetooth 4.2	Wifi+2G/3G/4G +Bluetooth 4.2
Geo-Location Tracking	Yes	Yes	Yes
Certifications	PCI, EMV L1&L2, EMV Contactless L1	PCI, EMV L1&L2, EMV CL L1	PCI, EMV L1&L2, EMV Contactless L1
Compatible with	Paypass, payWave, Discover, AMEX ExpressPay, JCB, Pure, QUICS, Rupay, NSICC, TQM, RoHS, CE, BIS, WEEE, CB, WPC, BIS, DGM, UN38.3, MSDS, NTRA-VOC, GSMA, Telec&JATE, ANRT, CMC	Amex, Paywave, Paypass, Discover, JCB, Pure, QUICS, NTRA-VOC, WEEE, CE, GSMA, TQM(TBD), CCC, SRRC, Nal Certifi- cate, UPTS3.0, PBOC3.0 L1& CL2, PBOC3.0 CL1, DGM\UN38.3\MSDS	Paypass, payWave, JCB, AMEX ExpressPay, Discover, Pure, QUICS, Rupay, NSICC, TQM, CE, RoHS, BIS, DGM, UN38.3, MSDS, NTRA-VOC, GSMA

Particulars	F310	F360	ePayPOS600
OS	Android 13	Android 13	RTOS
Processor	Quad-Core, 4x2.0G, A53	Quad-Core, 4xA53 @2.0GHz	32-bit RISC Core
Memory	RAM: 2GB ROM: 16GB	RAM: 1GB ROM: 8GB	128KB RAM, 4MB Flash
Display	6.5 inch, 720 × 1600, IPS LCD, Multi-touch	3.2 inch, 320 × 240Pixel, IPS LCD, Two Point-touch	1.4 inch, 128 × 64, Mono
Weight & Battery	278g, 3.8V/3000mAh	145g, 2000mAh	80g, 3.7V/500mAh
Card Slots	SIM*1 + PSAM*2 or SIM*2 + PSAM*1, 1*SD(up to 1TB)	SIM*1(nano) + PSAM*1	N/A
Ports	Type C*1 (USB2.0, OTG), Pogopin(5PIN)*1, Pogopin(8PIN)*1	Type C*1(USB2.0,OTG), Pogopin*1(optional)	Micro USB 2.0
Camera Rear/Front	8MP/2MP	0/0.3MP	N/A
Printer	No	No	No
Magnetic Card Reader	Yes	No	Yes
IC Card Reader & NFC	Yes	Yes	Yes
Communications	Wifi + 2G/3G/4G +Bluetooth 5.0	Wifi + 2G/3G/4G +Bluetooth 5.0	BT4.2
Geo-Location Tracking	Yes	Yes	No
Certifications	PCI, EMV L1/L2, EMV CL L1	PCI, EMV L1/L2, EMV Contactless L1, D-PAS(DISCOVER), QUICS, RoHS, CE	PCI, EMV L1, EMV CL1, EMV L2,
Compatible with	Amex, Paywave, Paypass, Discover, Pure, TQM, QUICS, CE, FCC, ROHS	Paywave(VISA), Paypass (Mastercard), Pure, Amex, QM, FCC	Paywave, Paypass, Amex, Discover, JCB, Pure, QUICS, Rupay, TQM, CE, FCC, BIS, ANRT, WPC, PBOC3.0 L1& CL2, PBOC3.0 CL1, GM\UN38.3\MSDS

Biometric Solutions

# Accurate Biometric Recognition For Secure Authentication And Access

Unlock advanced security and seamless e-KYC with our UIDAI and STQC-certified fingerprint scanners & RD services. Designed for Aadhaar authentication with robust data protection.



# FM220U L1

## Fingerprint Scanner

Secure | Accurate | Compact.  
Perfect for secure authentication  
in government, corporate, and  
personal applications.



**Energy Efficient:**  
Uses just 1 watt, with  
40mA in standby.

**High-Resolution:**  
600 dpi sensor for  
precise fingerprint  
scans.



**Ergonomic design:**  
Guides finger position  
for effective scanning.

**Durable:** Withstands  
tough conditions (-5°C  
to 45°C, ESD up to 10KV).



**Compact and  
Lightweight:** Easy  
to carry at 100g.

**Certification:** STQC &  
UIDAI certified L1 Optical  
scanner with live finger  
detection.

# FM220U L1 Specifications

Sensors & Weight	Optical, 100g (approx)
Image Resolution	500 dpi (H), 500 dpi (V)
Image Capture Area	13.41 x 16.45(mm); 15.44 x 17.475 (mm) Optional
Platen Area	16.5x19 (in mm) (HxV)
Scanner Output Image Size	264x324 pixel (HxV), 304 x 344 pixel (HxV) Optional
Gray Level	8 bit/pixel, max 256 grayscales
Image	Supporting JPEG 2000 lossless, ISO, PIV, WSQ (Compression 10:1)
Scanner Interface Cable	1 USB compliant cable, Micro USB & Type-C
Power Supply	1 Watt. Approx. (From USB port)
Dimension	80mm(L) x 41mm(M) x 40mm(H)
Distortion	< 1% Meeting PIV specifications
Operating Temperature, ESD	-5 ~ 45 C, 10 KV
MTBF	>100000 operation hours
Scanning Light source	Ultra Red(940nm) capable of supporting more than 600 dpi
Supported Operating Systems	Windows 8 & above, Android 5 & above and Linux 2.6 (x86)
API	Image Capture, Enrollment / Template Extraction
Certifications	ISO 19794-2, ISO 19794-4, FIPS 201* Compliant, Minex-III, STQC and UIDAI certified L1 thermal fingerprint scanner

# AST300

## Fingerprint Scanner

Thermal Detection | Precise.  
A premium solution for the  
modern security challenges.



### High-Resolution

**Scanning:** 500 dpi with  
a large scanning area.

### Thermal Liveness

**Detection:** Ensures live  
fingerprint authentication,  
blocking spoofing.



### Silicon Wafer

High precision  
for secure apps.

### Energy Efficient:

1-watt operation,  
40mA standby.

**Certification:** STQC and  
UIDAI certified L1 thermal  
scanner with live finger  
detection.

### Compact & Lightweight:

100g, easy to carry or  
install.

# AST300 Specifications

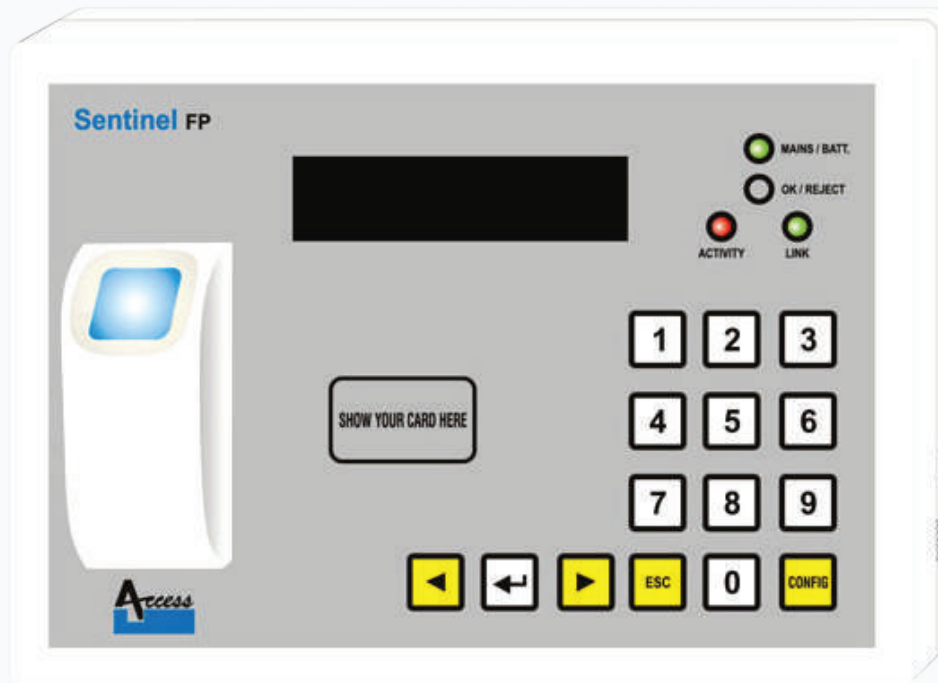
Sensors	Thermal Sensor, Model NB-65210-S
Image Resolution	500 dpi
Capture Area	FAP20 (15.25mm x 20.34mm)
Live Scan	Yes, ensures protection against spoofing
Scanner Output Image Size	300 x 400 pixels
Gray Level	8 bit/pixel, max 256 grayscales
Image	Supporting JPEG 2000 lossless, ISO, PIV, WSQ (Compression 10:1)
Scanner Interface Cable	USB Type-A, Micro USB & Type-C
Power Supply	1 Watt. Approx. (From USB port) (100 mA. approx, standby: 20mA)
Dimension	80mm(L) x 57mm(M) x 23mm(H)
Weight	60g (approx)
Temperature	0 to 50 Degree
ESD	8KV
Supported Operating Systems	Windows, Android and Linux Supported
Certifications	ISO 19794-2, ISO 19794-4, FIPS 201* Compliant, Minex-III, STQC and UIDAI certified L1 thermal fingerprint scanner

# Sentinel FP

Secure Access | Reliable | User-Friendly

A lightweight, compact, efficient and secure biometric reader with built-in power line monitoring for modern workspaces.

**User-Friendly:**  
Backlit LCD for  
real-time status  
updates.



**High Capacity:**  
Stores 5,000  
employee records &  
50,000 templates.

**Fast Verification:**  
Dual-CPU ensures  
quick fingerprint  
matching.

**Flexible Matching:** Supports  
rotated fingerprints and  
multiple enrolled fingers.

# Sentinel FP Specifications

Dual CPU	RISC-based high-speed Micro Controller, Separate 80 MHz RISC CPU for fingerprint verification.
Sensor Type	Optical, Illumination - Multispectral Out of three fingers.
Template Storage capacity	50,000 1:1 Verification   1000 1:N Verification.
Flash RAM storage	5000 punches and 5000 employee detail
Fingerprint image	500 dpi, FAR 1/100,000 to 1/1,000,000 and FRR 1/100 to 1/30
Display	16 x 2 characters backlit LCD display for card no., date, time and status of memory consumed.
Remote communication	Built-in potential free change over contact for controlling/ signalling external devices.
Anti-spoofing	Mercury (Lumidigm) multispectral technology provide high-quality image and spoof detection
Communication	TCP/IP (10/100/1000 Mbps)/RS 232
Platen	Precision ground glass, uncoated 17 x 13.5 mm (rectangular), IP 65
Input Voltage & Max Finger Rotation	190-260V AC with proper earthing&   35° & displacement 5 mm
Scanner Interface Cable	USB Type-A, Micro USB & Type-C
Operating Temp & Humidity	10°C to 55°C, 0 - 95% non condensing
Dimension	190mm(L) x 140mm(H) x 60mm(W)
Material and Mounting	Grey Engineering Plastic, Wall Mountable
Badge Reading	MIFARE Contactless Smart Card(ISO 14443A), proximity 13.56 MHz
Certifications	Fingerprint template MINEX, ANSI 378, ISO 19794-2: 2005, ISO 19794-4: 2005, NFIQ Compliant

Management Solutions

# Simplifying Operations, Enhancing Productivity

Explore smart tools designed to  
streamline workplace management  
and optimise efficiency.



# Storm Portal to manage all POS devices

Enhance your Access hardware with the STORM system, a comprehensive solution for secure and efficient transaction management.

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01 **Comprehensive Management**

Oversee devices, applications, & transactions through a unified platform, streamlining operations and reducing administrative overhead.

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02 **Robust Security Compliance**

Adheres to PCI PIN and VISA audit standards, ensuring secure key storage and transfer using Hybrid RSA2048+AES256 encryption and Hardware Security Modules (HSM).

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03 **Versatile Key Management**

Supports various key types, including Master Session Keys, DUKPT Initial Keys, and Data Encryption Keys, facilitating secure and flexible operations.

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04 **Multi-Channel Support**

Compatible with Android devices and traditional POS systems, providing flexibility across different platforms.

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05 **Cost-Effective Solution**

Offers a scalable and economical approach to transaction management, suitable for businesses of all sizes.

## One System, Many Roles



Marketing  
Manager



Transaction  
Manager



Key  
Manager



System  
Manager



Application  
Manager



Device  
Manager

## STORM-TMS Security Compliance



Strong Password Enforcement



Instant Lock/Unlock Features



Remote Wipe Out



OS Update Management



FRP Deactivation



Factory Reset Block

# SmartPay: Comprehensive Payment and Business Management Solution

SmartPay integrates seamlessly with Access Android POS devices, offering a unified platform for managing payments and business operations.

## Omnichannel Payment Processing

Accept various payment methods all through a single application.



Cash



QR Code



Bank Card



PayPal

## Comprehensive Business Management

Utilise tools to enhance operational efficiency.

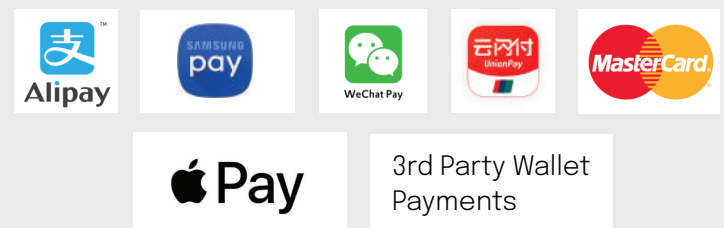
- Customer loyalty program
- Purchase
- Inventory
- Report
- Supplier Management
- Pre-Auth
- Expense
- User Management
- Order history
- Card Balance
- Reconciliation

### FT SmartPay Compatibility for L3 Payment Certification

Supported Protocols: Nexo/ISO8583/Hypercom/TLV Messaging/MQTT



### FT SmartPay Mobile Payment Compatibility



## Flexible Payment Scenarios

Tailored solutions for different business models, such as App Pay, Smartphone Pay, and ECR Pay, to meet diverse operational needs.

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### APP Pay

Helps android applications running on Access Computech and Feitian Android POS devices which can collect money through different payment channels: cash, bankcards, mobile payments,cheques etc.



### Smartphone Pay

Helps android applications running on Android Smartphones connected to mPOS via Bluetooth which can collect money through different payment channels: cash, bankcards, mobile payments, cheques etc.



### ECR Pay ECR

Helps the ECR running on the Windows system collect money using Bluetooth dongle pushing and receiving msg. To/From Feitian Android POS using our Smartpay Application.



# Attendance & Biometric Solutions

At Access Computech, we understand that no two businesses are alike. That's why we offer highly customised attendance & biometric solutions to fit your unique requirements, ensuring seamless integration into your existing workflows.

## Flexible System Design

Customise settings, UI, and integration to fit your needs.

## Seamless Integration

Connects easily with HR, payroll, and access control systems.

## Custom Reporting

Generate reports from attendance logs to compliance overviews.

## Industry-Specific Solutions

Tailored for all sectors, including healthcare, manufacturing, and more.

## Brand Personalisation

Custom branding options to reflect your company's identity on devices and interfaces.

## Enhanced Security

Incorporate security layers like dual-factor authentication or custom access levels.

## Genetec Integration

Set of Web Services and Windows Services utilising Genetec SDK to integrate systems not directly supported by Genetec

## BRIBS

Provides centralised system to ensure unique identification and blacklist users based on Biometrics.

## CLMS

Contract Labour Management System, to comply all legal and administrative requirements for contract worker management.

## Our Esteemed Clientele



**Amul**



**adani**



**HITACHI**



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