VA 21
SMART POS

VISIONTEK
enabling connectivity
30 YEARS MARCHING AHEAD

VA 21 is portable, light in weight that is beautifully felicitous in hand and operates, where you go.

The **VA 21 Smart POS** is an elegant, compact, mobile and fully integrated PCI PTS certified POS device powered by Managed Android operating system. It is powered by a high performance processor and is designed to deliver smooth, secure and flawless transaction processing on the move.

The Smart functionality of **VA 21 Smart POS** is aided by business-centric firmware, cloud support and biometric security. It has rich and extended application in the vertical of BFSI, e-Governance, Retail, Hospitality, Food & Beverages and Utility.

VA 21 - Go Digital - The Smart, Secure and Cost-effective POS Terminal.

APPLICATION AREAS

BFSI
- Banking
- Financial Inclusion
- Merchant POS
- MicroATM
- Loan Collection

Retail
- Dairy Automation
- Restaurant Billing
- Door Delivery
- Item Management
- Food & Beverage
- Fashion & Retail

Ticketing
- Transportation
- Parking Solutions
- Temple Ticketing
- Amusement Ticketing
- Event Ticketing

eGovernance
- Public Distribution System
- Tax Collections
- Traffic e-Challan
- e-Market Yard (eNAM)
- e-Learning
- Attendance Management System (AEBAS)

Other Segments
- Billing & Collections
- e-Recharge
- Healthcare
- Logistics
- Automatic Electricity Meter Reading

PRODUCT SPECIFICATIONS

- EMV Card
- Contactless / NFC
- Managed Android OS
- Quad-Core Processor
- Built-in STQC Certified Scanner
- Touch-screen with Signature capture
- Camera
- Li-ion Battery
- Less than 500 gms
- 4G, Wi-Fi, Bluetooth, GPRS & GPS feature

FEATURES:

Contact Card
EMV based card payments

Contactless Card
Secure, hygienic way of card payments

Magnetic Card
Payments by swipe card

Fingerprint Scanner
Biometric payments

TECHNICAL SPECIFICATIONS

VISIONTEK VA 21 - SMART POS

Feature	Specification
Operating System	Managed Android 14, secure OS
Processor	2 GHz Quad-Core Processor
Memory	4 GB RAM and 64 GB internal storage memory
Display	5.5 inch colour, LCD capacitive multi-touch panel with signature capture
Communication Modules	Wi-Fi - IEEE 802.11 b/g/n and Supports DUAL BAND (2.4 GHz & 5 GHz) Supports 4G/3G/2G Bluetooth
Interfaces/Connectors	a) 2 SIM Slots & 1 SAM Slot OR 2 SAM Slot & 1 SIM Slot b) Micro SD Card
Battery	Powerful Li-Ion rechargeable battery with battery capable of providing 12-14 hours of transaction time and 36-48 hours of standby time.
Power Adaptor	5V 2A DC charging with 100V-240V, 50 Hz AC-DC adaptor
Printer	Integrated high speed 2" thermal printer
Keypads	Virtual Keypad on LCD, ANSI X9.8 / IS095 64, ANSI X9.9 / IS08731 Built-in pin-pad & 3 physical keys: Power ON/OFF | Volume+ | Volume-
Fingerprint Scanner	Integrated STQC & UIDAI Certified Biometric Scanner *
Magnetic Swipe Card Reader	Track 1/2/3, Bi-directional, ISO 7811
Contact Smart Card Reader	EMV Certified
Contactless Card Reader	EMV NFC, ISO 14443 A & B, Mifare, Felica, Desfire
Camera	13 Mega Pixel with Auto focus and flash QR Code (Barcode Software decoding)
GPS	Supports A-GPS, BEIDOU, GLONASS
Audio	Built-in microphone and speaker
IRIS Scanner	Provision for external STQC & UIDAI certified IRIS scanner *
Antenna	Built-in Antenna External Antenna *
Certifications & Test Reports	CE, RoHS, BIS, STQC , IP54, Drop Test, Bump Test, Vibration Test
Payment Certifications	PCI PTS, EMV Contact, EMV contactless, Visa payWave, MasterCard Paypass, Rupay & NCMC complied
Environmental	Cold Test $0^0C \pm 3^0C$ for 2 hours (operational) / $-10^0C \pm 3^0C$ for 2 hours Dry Heat Test $+50^0C \pm 2^0C$ for 2 hours (operational)/ $+55^0C \pm 2^0C$ for 2 hours Damp Heat Cyclic Test Temp.: $40^0C \pm 2^0C$, RH: 80% - 95%, Cycles: 2 (12+12Hrs) Vibration Test 10Hz-150Hz, 0.15mm/2g acceleration, 10 Sweeps cycles/axes). EUT in switch off and packed condition.
Weight	Less than 500 grams
Dimensions	188 X 85 X 69 mm (L x W x H)
Device Management	Through MDM / TMS

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