》VISIONTEK》

Transaction Terminal GL-11

Overview

VISIONTEK GL-11 POS terminal is Powered with ARM Cortex A9 @ 1GHz processor, inbuilt Finger Print Scanner, 3.5'' TFT Color LCD display with Touch Screen and QWERTY keypad with a provision to support both Online and Offline transactions These Features are specially designed to suit industrial requirements especially in the domains like Banking, e-Governance, Retail and Utility for applications like AEPS, AEBAS, Public Distribution, Attendance, Billing and Distribution through AADHAAR enabled Biometric authentication.

GL-11 is designed to work in remotest areas for enabling online transactions even with scarce resources like power & network availability through unique features like provision to connect external high gain antenna & power backup through external battery & charger.

GL-11 supports rich QT GUI with Linux 3.0.35 OS and it comes with seamless connectivity options like GSM/GPRS 2G/3G/4G, Bluetooth, Wi-Fi and Ethernet.
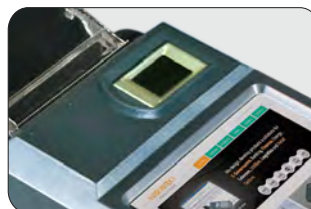
VNC Viewer Support	Print / Display-Local Languages	Signature Capture	RTMS Support

Domains

- BFSI
- E Governance
- Retail
- Medical & Health Care
- E KYC
- Educational Sector
- Utility

External Peripherals

- Antenna
- Keypad
- IRIS Scanner
- Weighing Scale
- 1D & QR code reader
- PINPAD

Finger Print Scanner

Contactless Reader

Magnetic Swipe Card Reader

QWERTY Keypad

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ISO 9001:2015

Application Areas

- Public Distribution System
- Fertilizer Distribution System
- AEBAS
- Micro ATM for AEPS
- e-Challan
- Billing & Distribution
- DBT Disbursement
- NREGA Wage Distribution at field level

Feature	Specification
Display	3.5 Inch Touch Screen TFT LCD 320 X 240 pixels
Processor	ARM Cortex A9 @ 1GHz
Memory	RAM 1GB; Flash 8GB (In-built Storage)
Operating System	Linux(3.0.35) Stable Kernel which supports HTML5 based web browse, CSS 3, Java Script
Keypad	QWERTY Keypad; Alpha Numeric (A-Z; 0-9); Function keys (F1-F10); Special Keys (Shift, Back, Cancel, Enter, Space, Fn)
Printer	Thermal graphic printer ; 8 dots/mm: 57mm (2.25 in.) wide paper with 20 meter paper roll
Interfaces/Connectors	2 USB Host 2 SAM Slots 2 SIM Slots * Micro SD (Upto 32 GB) * RS 232
Speaker	1W Speaker Supporting MP3 and WAV file
Finger Print Scanner	STQC Certified Inbuilt Scanner
Magnetic Swipe Card Reader	* ISO 7811 Standards ; 3 Track Bi-Directional
Smart Card Reader	ISO 7816 * EMV Complied * Dual Smart Card Reader
Contact less reader	* ISO14443, NFC Mifare
Communication Modules	* a) LAN 10/100 BASE-T b) 2G, 3G and 4G/LTE c) Wi-Fi b/g/n standard
GPS	Inbuilt GPS Module
Bluetooth	* Inbuilt
Power Adaptor	Surge protection AC input 100 - 240V, 50/60Hz DC output 9V, 2.2A
Battery	Swappable & Dry / Rechargeable Li-ion Polymer 7.4V/2600mAh
Enclosure	ABS+PC
Environment Health & Safety Durability, Humidity EMI/EMC Compliance	Dry heat test- Operating (50 ± 2^0 C for 2 hrs.) Cold test - Operating (0 ± 3^0 C for 2hrs) Dry heat test (55 ± 2^0 C for 2 hrs.) Damp heat Cyclic (40^0 C for (12+12 hrs)), No, of cycles: 2 Cold Test (-10 ± 3^0 C for 2 hrs)
Humidity	95% RH non condensing
Immunity	IEC 61000-4-2, Level 3 IEC 61000-4-3, IEC 61000-4-4, IEC 61000-4-5, IEC 61000-4-6, IEC 61000-4-8, IEC 61000-4-9, all Level 4
Safety	CE Certified
Drop Test	3-4 Feet Drop test
Tumble Test	20 tumbles
Add-on Antenna	Supports Stick, Whip, Yagi Antenna
Dimensions in mm	245 x 96 x 85 (L x W x H)
Weight	750 gms.
Certifications	STQC
Other Accessories	* Durable Carry Case, User Manual
Terminal Management	OS updates done using Remote Terminal Management Systems, Device will remotely manageable in secure mode
Status Indications	Connectivity, Signal Strength, Battery Status, RD etc.,

Note: We pursue a policy of continuous research and product development. Specifications and features are subject to change without notice   *Indicates optional feature

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