

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) / ANDROID(4.4.2)** OS and it comes with seamless connectivity options like GSM/GPRS 2G/3G, 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



Finger Print Scanner



Contactless Reader

External Peripherals

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



Magnetic Swipe Card Reader



QWERTY Keypad

Application Areas

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

Feature

Specification

Display	3.5 Inch Touch Screen TFT Color LCD with 320x240 pixels; Virtual Keypad on LCD
Processor	ARM Cortex A9 @ 1GHz
Memory	RAM 512 MB Upgradable upto 1 GB ; Flash 8GB
Operating System	LINUX(3.0.35) / ANDROID(4.4.2)** OS
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	a) RS-232 (RJ45 Connector for console / Serial port) b) USB Host - 1 c) USB Device - 1 * d) Micro SD (upto 32GB) e) SAM Slots - 2 * f) SIM Slots - 2
Speaker	1W Speaker Supporting MP3 and WAV file
Finger Print Scanner	STQC Certified Inbuilt Scanner * Optical / Capacitive
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) 3G / GSM / GPRS * c) Wi-Fi b/g/n standard
GPS	* Inbuilt GPS Module
Camera	* Inbuilt Camera (5 Mega Pixel), can read max. upto QR code 1sq.cm.
Bluetooth	* Inbuilt
Power Adaptor	AC input 100 - 240V, 50/60Hz DC output 9V, 2.2A
Battery	Li-Polymer 7.4V/2600mAh
Enclosure	ABS+PC
Temperature	Operating 0°C to 55°C
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
Antenna	Supports Stick, Whip, Yagi Antenna
Dimensions in mm	245 x 96 x 85 (L x W x H)
Weight	750 gms.
Certifications	BIS STQC IP51 RoHS

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

*Indicates optional feature
** OS updates done using RTMS

