

# Transaction Terminal GL-11



## Overview

VISIONTEK GL-11 POS terminal is equipped with ARM Cortex A9 @ 1GHz processor, Finger Print Scanner, 3.5" TFT Colour LCD display with Touch Screen and QWERTY keypad. These Features are specially designed to address NREGA, Micro ATM, NPCI, UID and PDS requirements with biometric Finger Print Authentication for AADHAAR based transactions.

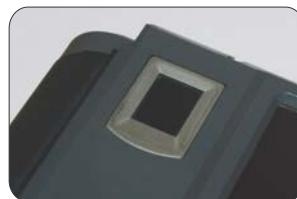
VISIONTEK GL-11 other optional features are ISO 7811 for Magnetic Swipe Card Reader, ISO 7816 supported Smart Card Reader (optional Dual Contact Smart card reader), Contactless card reader and Fingerprint Scanner. The fingerprint sensor is conveniently placed for user access.

GL-11 supports rich QT GUI with Linux and it comes with seamless connectivity options like GSM/GPRS 2G/3G, Bluetooth, Wi-Fi and Ethernet.

ARM9 32-bit 400MHz	3.5 Inch Touch Screen LCD	QWERTY Keypad	STQC Certified FPS
--------------------	---------------------------	---------------	--------------------

## Application Areas

- Attendance Management
- NREGS Wage Seeker's Attendance Management
- Banking
- Retail Distribution
- Financial Inclusion
- PDS Automation
- Medical & Health Care
- Micro Finance
- Identification



Finger Print Scanner



Contactless Reader



Magnetic Swipe Card Reader



QWERTY Keypad

# Features

- Touch Screen TFT Color LCD
- Virtual Keypad on LCD
- QWERTY Keypad
- Built-in Magnetic Swipe Card Reader, Smart Card Reader / Contactless Reader \*
- Built-in Camera (5 Mega Pixel) \*
- Bluetooth \*
- Linux operating system
- STQC certified Finger Print Scanner - ANSI and ISO formats \*
- 1:1 and 1:N identification
- Storage capacity of up to 1lakh transactions
- High Performance Fingerprint Sensor
- In-built Speaker for announcements
- GPS and Wi-Fi

# Specifications

Display	3.5 Inch Touch Screen TFT Color LCD Virtual Keypad on LCD
Processor	ARM Cortex A9 @ 1GHz
Memory	RAM 1 GB ; Flash 8 GB ; SD Card supports upto 32 GB
Operating System	LINUX OS (3.10)/Andriod (4.4.)
Keypad	QWERTY Keypad; Alpha Numeric (A-Z; 0-9); Function keys (F1-F10); Special Keys (Shift, Back, Cancel, Enter, Space, Fn)
Interfaces/Connectors	a) RS-232 (RJ45 Connector for console / Serial port) b) One USB Host c) One USB OTG d) Micro SD (upto 32GB) e) 2 SAM Slots f) 2 SIM Slots
Speaker	1W Speaker Supporting MP3 and WAV file
Finger Print Scanner	High Performance Sensor (500dpi) STQC Certified FPS Optical / Capacitive
Magnetic Swipe Card Reader	3 Track Bi-Directional
Smart Card Reader	* ISO7816, Contact Smart Card Reader, EMV certified
Contact less reader	* ISO14443, NFC Mifare
Communication Modules	a) LAN 10/100 BASE-T (Standard RJ45 connection) b) 4G / GSM / GPRS (Quad/Dual band) (SMA female antenna connection) c) Wi-Fi with b/g/n supports
GPS	Inbuilt GPS Module
Camera	Inbuilt Camera 5 Mega Pixel, QR code supported with 1sq.cm image with flash
Bluetooth	Inbuilt Bluetooth enabled
Power Adaptor	AC input 100 - 240V, 50/60Hz DC output 9V, 2.2A
Battery	Li-Polymer 7.4V / 2600mAh
Enclosure	ABS+PC with IP54 compliance using Holster
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
Dimensions in mm	198.5 x 98 x 85 (L x W x H)
Weight	620 gms.

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

\*Indicates optional feature

