

# Transaction Terminal GL11



## Overview

Visiontek GL11 terminal with in-built finger print scanner is specially designed to address NREGA, Microfinance and PDS Segments with biometric authentication for beneficiary transactions. It is based on CCD finger print sensor with proprietary and precise algorithms which support ANSI378 and ISO19794 template formats for both enrollment and verification. The GL11 comes with seamless connectivity options like GSM/GPRS, CDMA and Ethernet.

Visiontek GL11 supports all the payment with related logical interfaces with ISO7811 for Magnetic stripe reader and ISO 7816 supported EMV compliant Smart card reader and optional Contact-less card reader. The fingerprint sensor is conveniently placed for user access.

ARM9 32-bit 400MHz

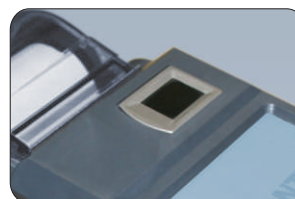
3.5 Inch Touch Screen LCD

QWERTY Keypad

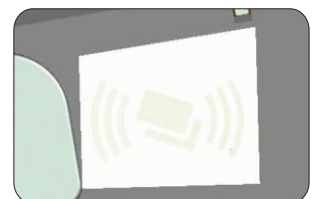
Optical FPS

## Application Areas

- Banking
- Financial Institutions
- Medical & Health Care
- Micro Finance
- Identification
- Attendance Management
- Police Challan
- Security Access Control



Finger Print Scanner



Contactless Reader



Magnetic Swipe Card Reader



QWERTY Keypad

## Features

- Touch Screen TFT LCD with 320 X 3(RGB) X 240 Pixels
- Virtual Keypad on LCD
- QWERTY Keypad
- Built-in Magnetic Swipe Card Reader, SmartCard Reader / Contactless Reader \*
- High Performance Optical Sensor (500dpi), with large capture area 14mm x 22mm
- Optical Finger Print Scanner of ANSI and ISO formats \*
- 1:1 authentication and 1:N identification
- Storage capacity of up to 500 users or 1,000 templates.
- Linux operating system
- In-built Speaker for announcements
- GPS, Bluetooth and WiFi \*

## Specifications

Display	3.5Inch Touch Screen TFT LCD 320 X 3(RGB) X 240 pixels; Virtual Keypad on LCD
Processor	ARM9 Core CPU @ 400MHz 32 bit
Memory	256 MB RAM (DDR) / 256 MB Flash
Operating System	LINUX OS (2.6.31))
Keypad	QWERTY Keypad; Alpha Numeric (A-Z;0-9); Function keys (F1-F8); Special Keys(Shift,Back,Cancel,Enter,Space,Fn)
Printer	Thermal graphic printer; 8 dots/mm: 57mm (2.25 in.) wide paper
Interfaces/Connectors	a) RS-232 (RJ45 Connector for console / Serial port) b) One USB Host c) One USB Device d) Micro SD card holder for extendable memory size e) 2 SAM Slots f) 2 SIM Slots
Speaker	1W Speaker Supporting MP3 AUDIO
Finger Print Scanner	High Performance Optical Sensor (500dpi), MINEX & NIST Certification for FPS; * Optical (Morpho) * Capacitive (Authentic )
Magnetic Swipe Card Reader	* 3 Track Bi-Directional
Smart Card Reader	* ISO7816 Contact Smart Card Reader * Dual Smart Card Reader
Contact less reader	* ISO14443, NFC Mifare
Communication Modules	a) LAN 10 BASE-T (Standard RJ45 connection) b) GSM / GPRS, (SMA female antenna connection) * c) CDMA (1X2000) (SMA female antenna connection) * d) Wi-Fi or Bluetooth
GPS	Inbuilt GPS Module
Power Adaptor	AC input 100 - 240V, 50/60Hz DC output 9V, 2.2A
Battery	Li-ion 7.4V/1.8Ah
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
Dimensions in mm	245 x 96 x 85 (L x W x H)
Weight	750 gms.

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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