

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 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

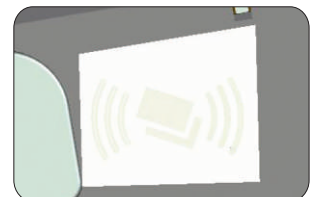
Optical FPS

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

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GL11 Terminal

LINUX Operating System



An ISO 9001:2008 Company

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 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 10/100 BASE-T (Standard RJ45 connection) * b) GSM / GPRS (SMA female antenna connection) * c) CDMA (1X2000) (SMA female antenna connection) * d) Wi-Fi with b/g/n supports |
| 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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