

Transaction Terminal 94 POS



Overview

Visiontek 94 POS 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 94 POS comes with seamless connectivity options like GSM/GPRS, CDMA and Ethernet.

Visiontek 94 POS supports all the payment with related logical interfaces with ISO7811 for Magnetic stripe reader and ISO 7816 supported EMV certified Smart card reader and optional Contact-less card reader. The fingerprint sensor is conveniently placed for user access.

ARM9 32 bit Processor

Finger Print Scanner

Speaker

Micro SD Card

Application Areas

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



Finger Print Scanner



Contactless Reader



Speaker



GSM Antenna

Features

- A well designed finger guide for the scanner
- Built-in Magnetic Swipe Card Reader, Smart Card Reader / Contact-less Reader *
- 18 x 12.8mm active sensing area with 508 dpi, pixel array size of 256 x 360
- Finger Print Scanner of ANSI and ISO formats *
- Linux operating system
- Display : 128 x 64 graphic FSTN LCD
- In-built Speaker for announcements

Specifications

Display	128 x 64 pixel Graphic FSTN LCD
Processor	ARM9 32 bit Core CPU @ 400MHz
Memory	128 MB RAM (DDR) / 256 MB Flash
Operating System	LINUX OS (2.6.31)
Keypad	19 Backlit keys including 4 function keys and 3 command keys
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's
Speaker	1W Speaker Supporting MP3 AUDIO
Finger Print Scanner	Capacitive Finger Print sensor * Smart Bio-metric module (ANSI 378/ISO 19794-2 minutia support)
Magnetic Swipe Card Reader	3 Track Bi-directional
Smart Card Reader	* ISO7816 Contact Smart Card Reader
Contact less reader	ISO14443, NFC Mifare
Peripheral Ports	1x RS-232; 1x USB Device * 1x USB Host
Communication Modules	* a) GSM / GPRS, (Dual band) (SMA female antenna connection) * b) CDMA (1X2000) (SMA female antenna connection) * c) Combo module: GSM / GPRS + Ethernet module * d) LAN 10 BASE-T (10Mbps) (Standard RJ45 connection)
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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