

# Transaction Terminal 94 POS



## Overview

Visontek 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.

Visontek 94 POS comes with ISO7811 for Magnetic stripe reader and ISO 7816 supported EMV certified Smart card reader and optional Contactless card reader. The fingerprint sensor is conveniently placed for user access. A built-in battery and high gain antenna make the 94POS ideal for outdoor field use.

ARM9 32 bit Processor

Finger Print Scanner

Speaker

Micro SD Card

## Application Areas

- Financial Inclusion
- Micro Finance
- egovernance-pension payments, MNREGA, PDS
- Medical & Health Care



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 / Contactless Reader \*
- Large Memory
- 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 keys including 4 function keys and 3 command keys with LED Back lighting
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
Speaker	1W Speaker Supporting MP3 and WAV Files
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 * Dual Contact Smart Card reader working simultaneously
Contactless reader	* ISO14443, NFC Mifare
Communication Modules	* a) QuadBand GSM / GPRS (SMA female antenna connection) * b) CDMA (1X2000) (SMA female antenna connection) c) LAN 100 BASE-T (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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