

POS Transaction Terminal GL-14



Overview

VISIONTEK GL-14 POS is a smart, compact multi purpose Transaction Terminal for on the go Handheld and Desktop applications.

Pre-paid airtime and E vouchers, Money Transfers, RFID/NFC based transactions, Utility bill payments, Ticketing, etc are few of the applications on the GL-14.

A Hi speed 32 bit Processor, large memory, built in optional GPRS / LAN / Wi-Fi Communication modules make the GL-14 a truly versatile unit suitable for use with multiple applications in a single Terminal.

ARM9 32 bit Processor

Smart Card / NFC Cards

Dual SIM

Thermal Printer

Application Areas

- Pre paid Air time Vouchers / E Vouchers
- Online Ticketing
- Gaming / Lottery
- Branchless Banking Transactions
- Post paid bill collection
- Cash collection
- Money Transfer / Remittances



Contact Smart Card Reader



Triple Track Magnetic Swipe Card Reader



SAM/SD Card Reader



Contactless Smart Card Reader



Features

- Ergonomic design
- Compact & Rugged
- Inbuilt graphic Thermal Printer
- Large Memory
- Built in NFC Reader *
- Built-in Smart Card Reader *
- User friendly SDK & other utilities
- Dual SIM capability with auto switching for GPRS module

Specifications

Processor	ARM9 32-bit Core CPU @ 400MHz
Display	Monochrome FSTN graphic LCD (128 x 64 pixels with icons)
Memory	128 MB RAM (DDR-1) 256 MB Flash
Operating System	LINUX 2.6
Keypad	23 keys (0 - 9 numeric keypad, *, #, 6 function keys, Power on/off, Back space, Paper feed, Cancel and Enter)
Printer	Thermal Graphic Printer with 15 meters Paper Roll
Magnetic Swipe Card Reader	ISO-7811 Compliant, Triple track (tracks 1,2,3)
Contact Smart Card Reader	Primary Smart Card Reader, ISO 7816 compliance * Secondary Smart Card Reader
Contactless reader	* ISO-14443 type NFC, Mifare compliant Type A / B
SAM Card Reader	2 Security Access Modules
Peripheral Ports	1 USB Host (standard Type-A) 1 USB mini Device (Type-B) 1 RS-232 Port
Communication Modules	LAN 10/100 Base-T (10/100Mbps) * GSM/GPRS (Quad/Dual band) with Dual SIM * Wi-Fi with b/g/n supports
SDIO Interface	Supports secure digital memory card (Micro SD upto 16GB)
Audio	* 1 watt speaker supporting WAV & Mp3 files (LAN/Ethernet feature is not available with audio option)
DC Input	9V, 2.2 Amps
Battery	Li-ion 7.4V, 2100 mAh
Enclosure	ABS+PC
Operating Temperature	0° to 55° C (32 to 104 F)
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
Dimensions in mm	205 x 90 x 64 (L x W x H)
Weight	650 gms