Scry☒e MOBILE PRINTER

GOPAL SYSTEMS

Enabling Robust, Cost Effective Solutions for Embedded Services Over IP Infrastructure:
Thru Indigenous R&D and strategic Partnerships

SCRYBE is a Bluetooth enabled wireless Portable Thermal Printer, ideal for Mobile Point of Sale bill/receipt printing applications.

- **Thermal Printer** — 65mm/sec, 203 dpi
- **In-built Smart Card Reader** — EMV level 1 Certified)
- **Wireless Bluetooth Interface** — Range: 5m
- **Wired Options for data transfer** — USB, Serial (RS-232)
- **Rechargeable battery** — 1500 mAh / 7.4 V, charger (DC 9V / 2A)
- **Compact and light weight** — 92 × 120 ×50mm, 284 g
- **In-built Magnetic Card Reader**
- **Vehicle Operating Facility**

Benefits of SCRYBE

- **Facilitates Consumer-End Integration:**
  - Enables deployment of payment applications using instruments such as credit cards, debit cards and loyalty cards
  - Enables real-time generation of receipts, tickets (parking, movie, traffic challan, etc.)
  - Enables deployment of E-Governance applications through smart card reading facility (Driving License, Vehicle Registration Certificates, etc).

- **Facilitates Solution Integration**
  - Works with any Bluetooth or USB enabled device such as cell phone, laptop, desktop, etc.
  - Rechargeable Battery enables uninterrupted functioning in the field.
  - Encrypted wireless data transfer enhances information security.

- **Facilitates User Integration**
  - Convenient transportation with a belt attachable pouch.
  - Wireless functionality reduces operational overheads
  - Built-in alerts reduce training time and effort.

SUPPORTS

BlackBerry symbian OS android Microsoft Windows CE

This cost-efficient device is ideally suited for a variety of billing, ticketing and e-governance applications. Through its rich feature-set, **SCRYBE** can add tremendous value to mobile business solutions, while enhancing operational efficiency.

Technical Specifications

Based on the powerful NXP 2388 ARM 7 microcontroller architecture, SCRYBE has undergone extensive research and development at the facility of AEM labs to evolve into a robust, world-class technology tool.

Environment

Operating Temp	0 - 50 °c
Storage Temp	20 - 60°c

Characters/Fonts

Print Font	ANK: 12*26, Double Width, Double Height, Calibri, Tahoma, Verdana, Normal
Character per Line	32

Print

Printing Method	Thermal Line
Printing Speed	65 mm/sec
Resolution	8dots/mm, 384dots/line, 203 dpi
Effective Printing Width	48mm

Paper Specifications

Paper Type	Thermal paper
Paper Width	57.5, 0.5mm
Paper Roll Diameter	Max: 40.0mm
Roll Core Inner Diameter	13mm (min.)

Reliability

Smart Card	ISO 7816 Compliant (EMV level 1 Certified) /Life is more than 100000 times
MSR (Magnetic Swap Card Reader):	ISO7810/ 7811 – 1 / 7811 – 2 / 7811 – 3 / 7811 – 4 / 7811 – 5 / 7811 – 6 / 7813. Track Reading Life is more than 300000 times
TPH	50 km

Barcodes

	1-D:UPC-A UPC-E EAN-13 EAN-8 CODE39

Packaging

Net Weight	830g
Dimensions (L x B x H)	26 x 23 x 7 cm

Other Specifications

Memory	FLASH: 512 KB, RAM: 128 KB
Receive Buffer Size	16KB
Emulation	WIN XP / VISTA / WIN 2007
Sensor	Paper End Sensor
Battery Duration	Under 25% print density, at least 90 meters, the standby time is over 15 days.
Battery Charging Time	less than 5 hours
Battery One Charge Standby Time	about 100hours

Buttons & Indicators

Button: POWER, FEED and MODE

Message	Error	Power	Battery Charging	Low Battery	Data	MSR	Paper Feed	Mode
Color	RED	BLUE	Yellow	RED	GREEN	ORANGE	BLUE	BLUE