PrimeTrex One
The True All-In-One Solution

- POS Terminal
- Check Scanner
- 2D Barcode DL Scanner

PA-DSS APPROVED

The True All-In-One Solution

PrimeTrex One is the industry's first, true all-in-one solution. The compact design brings together all of the hardware needed for today's Check 21 standard and beyond.

One Device

PrimeTrex One combines our proven dual-communication PrimeTrex IP terminal with our dual-sided check and 2D barcode scanner in a compact footprint. This combination provides tremendous hardware and software capability in one terminal while saving merchants valuable counter space.

One Speed

PrimeTrex One is built for speed. It's blazing 32-bit ARM9 processor, enormous 64MB flash memory, high-speed scanner and industry-leading 22 line-per-second printer allows merchants to speed their customers through the line. The 3.5-inch graphical touch screen color LCD allows for quick information entry at the point of sale.

One Objective

PrimeTrex One, the affordable, true all-in-one solution for your merchants.

TechTrex Inc.

PrimeTrex One
The True All-In-One Solution

POS

Check

Driver's License

3.5" Touch Screen Color LCD

1 Full QWERTY keyboard display for alpha entry

2 Check image display to ensure a proper read

SD Card Reader

Driver's License 2D Barcode Scanner

Credit/Debit
Check
Prepaid
Gift/Loyalty
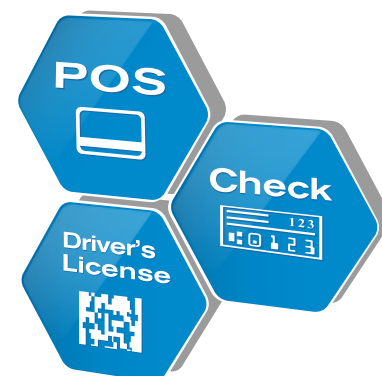
Magnetic Stripe Card Reader (MSR) -For Bankcard and Driver's License

Dual-sided Check Scanner

Specifications

Processor: 32-bit ARM9 processor

Memory: 64MB Flash, 32MB SDRAM

Real Time Clock (RTC):   RTC has power back up for data retention while the external power is turned off

Magnetic Stripe Card Reader (MSR):   ISO MSR will read Track 1, 2, 3

SD Card Reader: Integrated

Display: 3.5-inch graphical touch screen color LCD

Keypad: Software programmable; integrated LED backlight

Speaker: Integrated Multi-tone speaker

Full Graphic Thermal Printer:
  • Clamshell design
  • Number of dots per line: 384 Dots
  • Printing width: 48mm
  • Paper width: 57mm
  • Printing speed: 22+ lines per second

Communication Options:
  • 2 RS232 ports
  • 1 RJ45 Ethernet Port
  • 1 Dial up Port
  • Wired dial modem : 14,400bps - V.21, V.22, V.22bis, V23, V.32, V.32bis, Bell 103 and Bell 212

Power: AC/DC power adapter, external, 100-240V

Environmental specifications:
  • Operating Temperature: 0°C-40°C
  • Operating Humidity: 10% to 90% non-condensing
  • Printer operating temperature: 0°C-40°C

Scanner:
  • Duplex check imager and 2D barcode reader
  • Single feed check scanner
  • High speed scan: 350mm/sec
  • Jitter free transport mechanism for reading MICR characters
  • Sensor: CIS (Contact Image Sensor)
  • Scan Width: 104mm
  • Resolution: 200dpi
  • Color: 1bit B/W
  • Image Formats: TIFF G4
  • MICR Reader Recognize Code: E13B
  • Read Head: Magnetic head with permanent m agnet excitation

TechTrex Inc.
www.techtrex.com