SIMPEX
electronic

TICKETING
SOLUTIONS

Ticket Office Printers
Self-service Ticket Printers
Special Options

CUST☉M®

TICKET OFFICE PRINTERS

TK302 RFID
RFID TICKET PRINTER

• Ethernet and web-printing server for remote printing/setting
• Very fast up to 200 mm/s printing speed
• High resolution version available printing 300 dpi (TK303)
• Different ticket width from 20 to 82.5 mm
• Ticket weight from 80 to 255g/m^2
• 2 rows integrated display
• RS232 + USB + Ethernet interfaces
• 1D/20 barcodes printing capability (PDF417, DATAMATRIX, AZTEC, QRCODE)
• True Fonts support, any language available
• Highly reliable cutter: > of 2.000.000 cuts
• Sensors: fully adjustable bottom and top opto sensors for any ticket width. Ticket presence sensor
• SD card 2GB additional memory
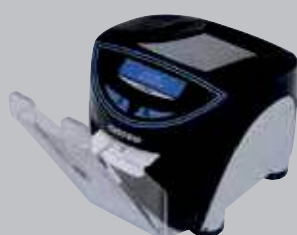• Dimensions: 252, 1 (L) x 192,6 (H) x 216 0N) mm
• Weight: 4Kg

Multi Feeder

Metal Stacker

New flat paper roll holder

Vertical Stacker and ejector

Plastic Stacker

Rear Drawer

OPTIONS
- VeriPrint® printing head with integrated scanner unit (patented)
- Internal RFID HF/UHF encoder: multiple SAM management
- Triple paper stock feeder to manage three different rolls or fan-fold (3 lines version)
- Internal barcode scanner optimal for stock validation and fraud prevention
- Fan-fold paper support or paper roll holder
- Plastic or metal ticket tray

SOFTWARE FEATURES
- Total remote management by internal Web Server
- Automatic email sending far service purpose
- Remote logo and Font uploading (true type font)
- Drivers available in the printer flash disk
- Status Monitor
- Full Windows Status Monitor Driver
- Self-installing Driver tor WinXPNista/7 (+64bit support)
- Linux Driver (C.U.P.S.) 32/64 bit compatible
- MACOSX Driver (C.U.P.S.)
- OPOS in Java and .NET Driver
- Virtual COM/USB SW emulator
- EasyMyfare SW to read/write data on MIFARE tag
- Ethlocator SW to search printers connected to the network and then configure parameters

Web server

2D Barcode

B202H
TICKET AND WRISTBAND PRINTER
- Very fast up to 180 mm/sec printing speed
- Ticket weight from 80 to 180g/m^2
- High durability due to the robust steel internal construction
- RS232 + USB interfaces
- 1D/ 2D barcodes printing capability (PDF417, DATAMATRIX,AZTEC, QRCODE)
- True Fonts support, any language available
- Cutter: > of 1.000.000 cuts
- Sensors: fully adjustable bottom opto sensor for any ticket width; top-opto sensor, center hole mark
- Dimensions WxLxH (mm): 133x194x155
- Weight: 2,8Kg

OPTIONS
- Internal RFID UHF encoder
- Paper roll holder
- Bracket to connect 2 printers

SOFTWARE FEATURES
- Self-installing driver for WinXP/Vista/7 (+64bit support)
- Status Monitor
- Customizable fonts and logos: LogoMake, FontMake, UpgCePrn

RFID

2D Barcode

TICKET OFFICE PRINTERS

TK202
TICKET PRINTER
- Very fast up to 200 mm/s printing speed
- High resolution version available printing 300 dpi (TK203)
- Different ticket width from 20 to 82.5 mm
- Ticket weight from 80 to 255g/m^2
- Heavy duty
- 2 rows integrated display
- RS232 + USB interfaces
- 1D/ 2D barcodes printing capability (PDF417, DATAMATRIX)
- True Fonts support, any language available
- 2 sides tear-off bar: reduced ownership cost, no wear on the cutter also with stickers
- Sensors: fully adjustable bottom and to opto sensors for any ticket width also for hole mark/translucid recognition
- Dimensions: 252,1 (L) x 192,6 (H) x 216 (W) mm
- Weight: 4Kg

OPTIONS
- Paper roll holder
- Paper guide for wristband

SOFTWARE FEATURES
- Self-installing Driver for WinXP/Vista/7 (+64bit support)
- Linux Driver (C.U.P.S.) 32/64 bit compatible
- Status Monitor
- Customizable fonts and logos: LogoMake, FontMake, UpgCePrn

RFID

Rear Drawer

New flat paper roll holder

2D Barcode

TK180 METAL
TICKET PRINTER

- Compact design
- Fast up to 200 mm/s printing speed
- Best print quality (200dpi or 300dpi)
- Powerful internal processor
- Hot swap function
- Different ticket width from 20 to 82.5 mm
- Ticket weight from 70 to 255g/m2
- 2 sides tear-off
- Suitable for roll receipt-type of paper printing
- LCD blue backlit embedded display
- Ethernet + RS232 + USB interfaces
- Bluetooth and Wi-Fi
- 1D/ 2D barcodes printing capability (PDF417,DATAMATRIX,AZTEC,QRCODE)
- True Fonts support, any language available
- Sensors: Head temperature, paper presence, mobile detectors of black mark or translucent gap/hole (setting by software), cover open, external low paper

OPTIONS

- Paper roll holder
- Bluetooth and Wi-Fi bolt-on

SOFTWARE FEATURES

- Self-installing drivers for Win XP, Win Vista,7, 8 (32/64 bit compatible)
- WHQL Windows certified driver
- Linux driver (C.U.P.S.) 32/64 bit compatible
- Status monitor
- CePrinterSet software

Wi-Fi

& Bluetooth®

2D Barcode

TICKET OFFICE PRINTERS

TK180
TICKET PRINTER

- Very small: just 130 x 185 x 118 H mm (5,1" x 7,2" x 4,6"H)
- Fast up to 200 mm/s printing speed
- High resolution version available printing 300 dpi
- Different ticket width from 20 to 82.5 mm
- Ticket weight from 70 to 255g/m2
- Label management
- Suitable for roll receipt-type of paper printing
- Automatic paper calibration feature which activates at every paper loading setting the sensor and recovering the "first ticket" which is never wasted (printer environmental conscious)
- High readability display in strong ambient light
- Ethernet + RS232 + USB interfaces
- 1D/ 2D barcodes printing capability (PDF417,DATAMATRIX,AZTEC,QRCODE)
- True Fonts support, any language available
- 2 sides tear-off
- Sensors: Head temperature, paper presence, mobile detectors of black mark or translucent gap/hole (setting by software), cover open, external low paper
- Cables management and cover
- The smallest in the market
- Weight: 1,9 Kg

OPTIONS
- Paper roll holder

SOFTWARE FEATURES
- Self-installing drivers for Win XP, Win Vista,7, 8 (32/64 bit compatible)
- WHQL Windows certified driver
- Linux driver (C.U.P.S.) 32/64 bit compatible
- Status monitor
- CePrinterSet software

iOS | Windows 8 Phone | 2D Barcode

OPTIONS AND ACCESSORIES

PC POS SYSTEMS WITH RECEIPT PRINTERS

CASH DRAWER

Wifi

Bluetooth

DONGLE

CUSTOMER DISPLAY
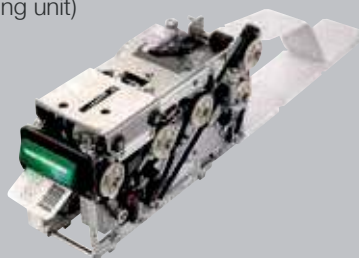
RUGGED SMARTPHONE

PARKING AND TRANSPORT SYSTEM PP54

- Iso7811 ticket HD full graphic printing/scanning capability (300Dpi)
- 1D/2D Barcode reading to accept and validate the ticket
- Modular system (ticket separator and printing/reading unit)
- Able to work "stand alone", without any PCs
- Up to 3 coupons management
- Ticket ejecting/retracting/collecting
- Heavy outdoor conditions
- Full ticket scanning capability in 2 directions (in 4 directions optional)
- RGB led on paper mouth
- Paper rolls/fan fold
- RFID
- Plastic card management
- Dual feeder (optional)
- Buster/cutter

HEAVY DUTY motors for outdoor use: Operating T°: -20°C > +60°C

EASY MAINTENANCE (thermal head, control board, paper loading module, bezel, ..)

STANDARD ISO TICKET MANAGEMENT In/Out reading & printing module system with detection of wrong ticket insertion

- Printing speed: less than 1 second
- 1D & 2D Barcode Print & Read capability Aztec, DataMatrix, PDF417, QRCODE
- Paper weight range: 140 > 210 gr/m2
- RS232 + Ethernet; USB as option (small board addon
- ALL International Fonts
- Zero Power Management (solar & battery application)
- Power supply: 24Vdc
- Windows and Linux Drivers
- SDK Development Kit
- It issues RFID tickets, long-term tickets, pre-paid cards
  - ISO 14443-A/B, ISO 14443 Part 4 Support (TCL Firmware)
  - MIFARE classic read/write
  - ISO 15693
  - NFC compatibility
- Double paper inlet (optional)
- Further CIS located on not thermal side for ticket serial number reading (optional)
- WiFi dongle (external)

Combines in a unique device:

ENTRANCE
Printing, reading and issuing tickets in less than 1 second.

PAYMENT
Receipt printing. Handles up to 2 coupons.

EXIT
Reading & Validating ticket. Capturing & Ejecting tickets.

MULTI BIN

Triple paper stock bin to manage three kind of tickets.
- **Increasing paper capability**
- **Flexibility of offered services**
- **Saving space on the desk**
- **Saving space in the self-service kiosk**

Two working ways:

Single mode: it is possible to use the same kind of paper for the three paper loadings available.

Mixed mode: it is possible to use a mix of different paper. Reduced footprint trough a single printer instead of 2.

SELF-SERVICE TICKET PRINTERS

KPM302
TICKET PRINTER

- 200dpi or 300dpi great printing quality
- Paper width from 20 to 82.5mm
- Speed > of 200mm/sec
- RS232 + USB + Ethernet interfaces
- 1D/ 2D barcodes printing capability (PDF417, DATAMATRIX,AZTEC, QRCODE)
- True Fonts support, any language available
- Highly reliable cutter: > of 2.000.000 cuts
- Sensors: black mark detector in 4 positions and traslucid gap/hole mark detector (setting by software); ticket presence sensor too
- SD card 2GB additional memory

OPTIONS

- VeriPrint® printing head with integrated scanner unit (patented)
- RFID version: multiple SAM management
- Triple paper stock feeder to manage three different rolls or fan-fold (3lines version)
- Internal barcode scanner optimal for stock validation and fraud prevention
- Burster kit/autocutter/tear off all selectable by the user
- Huge paper roll support with sensor
- Fan-fold paper support (front and back)
- Front Ejector
- Safety Key

Triple paper stock feeder

SOFTWARE FEATURES

- Total remote management by internal Web Server
- Automatic email sending for service purpose
- Remote logo and Font uploading (true type font)
- Drivers available in the printer flash disk
- Status Monitor DLL
- Full Windows Status Monitor Driver
- Self-installing Driver for WinXP/Vista/7 (+64bit support)
- Linux Driver (C.U.P.S.) 32/64 bit compatible
- MACOSX Driver (C.U.P.S.)
- OPOS in Java and .NET Driver
- EasyMyfare SW to read/write data on MIFARE tag
- EthLocator SW to search printers connected to the network and then configure parameters

Web server

2D Barcode

KPM150H
TICKET PRINTER

- 200dpi best printing quality
- Paper width from 20mm to 54mm
- Paper weight from 80 to 180gsm
- Label management
- Speed > of 180mm/sec
- RS232 and USB interfaces
- 1D/ 2D barcodes printing capability (PDF417,DATAMATRIX,AZTEC,QRCODE)
- True Fonts support, any language available
- Highly reliable cutter: > of 1.000.000 cuts
- Sensors: fully adjustable bottom opto sensor for any ticket width; top-opto sensor, traslucid gap; near paper end sensor
- High durability due to the robust steel internal construction

CUT&HOLD KIT
The printer is equipped with a Cut&Hold device as accessory, which avoids the ticket falling on the ground after print out.

SOFTWARE FEATURES
- Remote Status Monitor
- Self-installing driver for WinXP/Vista/7 (+64bit support)
- Customizable fonts and logos: LogoMake, FontMake, UpgCePrnUpgCePrn
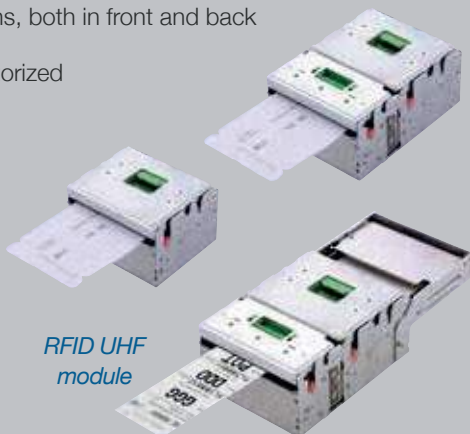
2D Barcode

KPM180H
TICKET PRINTER

- 200dpi or 300dpi best printing quality
- Paper width from 20mm to 82,5mm
- Paper weight from 70 to 255gsm
- Label management
- Speed > of 200mm/sec
- RS232 and USB interfaces
- 1D/2D barcodes printing capability (PDF417,DATAMATRIX,AZTEC,QRCODE)
- True Fonts support, any language available
- Tear off or cutter (1MI cuts) with dispenser (optional)
- Sensors: Head temperature, paper presence, mobile detectors of black mark or translucent gap/hole (setting by software), cover open, external low paper
- The smallest in the market
- SNAP -IN power supply connector and ON /OFF button
- Back connections, feed and print buttons, both in front and back
- Hot swap function
- Optional heavy duty autocutter with motorized Cut&Hold/Ejector Mechanism

SOFTWARE FEATURES
- Remote Status Monitor
- Self-installing drivers for Win XP, Win Vista,7, 8 (32/64 bit compatible), Linux Driver (C.U.P.S.) 32/64 bit compatible
- CePrinterSet software
- CUSTOM operating system

RFID UHF module

2D Barcode

VERIPRINT® TECHNOLOGY
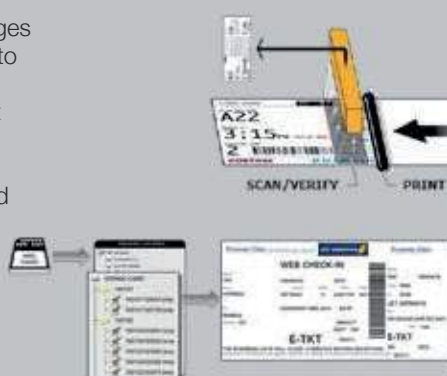
Printing head with integrated scanner.
- **Read the barcode on the ticket**
- **Verify the correct printing**
- **Save the image**

The VeriPrint® system makes a print and save in real time of the digital image of the issued ticket. During the ticket printing phase, the embedded scanner automatically takes the ticket's image. This image can be memorized inside the printer in a mass memory (MMC, SD) or can be sent to the remote host.

BENEFITS
- Automatic storage of the tickets' images in local databases for future sending to the central server
- Retrieval of the original and compliant ticket image for possible objections
- Costs reduction of printed paper
- Check of the correct issuing of printed dcoument
- Images capture from remote host through
  a Web Browser (Ethernet version)

RFID TECHNOLOGY

- Both HF - short distance - and UHF - long distance.
- Same printing module for the OFFICE and for the KIOSK => easy to integrate in sw platforms
- Multifeeder available for handling RFID tickets and standard paper => multi tickets support
- Built-in 3 SAM management=> higher security in less space
- HIGH MTBF => low ownership cost

STANDARD SUPPORTED
HF
- MIFARE
- ISO 14443A (Mifare 1K, 4K and Ultralight)
- ISO 15693
- i-Code
- ISO 14443B
- Calypso, FeliCa
- other minor RFID standards

UHF
- ETSI standard, fully compliant to the European Regulation ETSI EN 302 280 (869.525 MHz)
- FCC standard, fully compliant to the US telecommunication regulation FCC part 15 (902-928 MHz)
- ISO 18000-6B
- Philips UCODE EPC 1.19
- EPC Class1 Gen2 / ISO 18000-6C

APPLICATIONS
HF
- Transportation
- Payment
- Identification and management of documents (for archives and libraries) and people (patients in hospital)
- Toll roads and parking

UHF
- Aviation: bag tags
- Logistics: labelling
- Medical: wristbands
- Events: tickets / wristbands

SOLUTIONS FOR RAILWAYS

- Triple feeder module
- KPM302 printer with Veriprint®

- Triple feeder module
- KPM302 printer with Veriprint®
- Bundler

Ticket validation unit

RECEIPT PRINTERS

VKP80III
- Paper width from 50 to 82.5mm
- Speed > of 250mm/sec
- Automatic ticket ejecting & retractring back
- Retracting function w/o ticket presentation (patented)
- RS232 and USB 2.0 full speed interfaces
- 1D/ 2D barcodes printing capability
- Long life printing head (200Km)
- Highly reliable cutter
- Patented anti-jamming system with clean command
- Illuminated paper bezel
- Outdoor applications: -20/+ 70°C working temperature
- Hot swap function
- Shutter for out-dor (optional)

VKP80II SX
- Paper width from 60 to 82.5mm
- Speed > of 220mm/sec
- Automatic ticket ejecting & retractring back
- High power motor feeder for huge paper roll
- RS232+USB / RS232+USB+Ethernet interfaces
- 1D/ 2D barcodes printing capability
- Highly reliable cutter: > of 1.500.000 cuts
- Illuminated paper bezel
- Patented anti-jamming system
- Outdoor applications: -20/+ 70°C working temperature
- Shutter for out-dor (optional)

TG2480H / TG2480H-EJ
- Paper width 80mm
- Speed > of 150mm/sec
- Up to 90mm paper roll diameter
- RS232 and USB interfaces
- Available version with motorized ejector (TG2480H-EJ)
- 1D/ 2D barcodes printing capability
- International fonts on board: any language available
- Patented anti-jamming system

TG2460H CUTTER
- Paper width 60mm
- Speed > of 140mm/sec
- Up to 120mm paper roll diameter
- RS232 and USB interfaces
- 1D/ 2D barcodes printing capability (QRCODE)
- Patented anti-jamming system
- Outdoor applications: -20/+ 70°C working temperature

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