SP-800-PRINTER

CenOS Account Ticket Generator POS System

EAN Code : '4712757152104

Introduction

CERIO CenOS Account Ticket Generator kits containing a Thermal Printer and Network Control Server provides instant ticketing for users, and comes with two COM ports for redundancy where two Line Thermal Printers can be attached at the same time. CenOS Account Ticket Generator kits is designed for ease of use account generation via Network Control Server from the built-in On-Demand billing plan from CERIO CenOS Access Controller and then prints the account ticket via Thermal Printer for wireless Internet access in public locations ranging from places such as airports, hotels, conventions, and coffee shops, Hotspot application.

Network Control Server

Thermal Line Receipt Printer

SP-800-PRINTER

CenOS Account Ticket Generator POS System

The SP-800-PRINTER is easy to install and setup, allowing the Line Thermal Printer to connects directly to the Network Control Server with serial port (RS-232) COM1 and COM2 (for redundancy) and standard TCP/IP (RJ45) interface to connect to CERIO CenOS Access Controller . It is simple to operate with just a few clicks needed on the Network Control Server and out comes the ticket from the Line Thermal Printer.
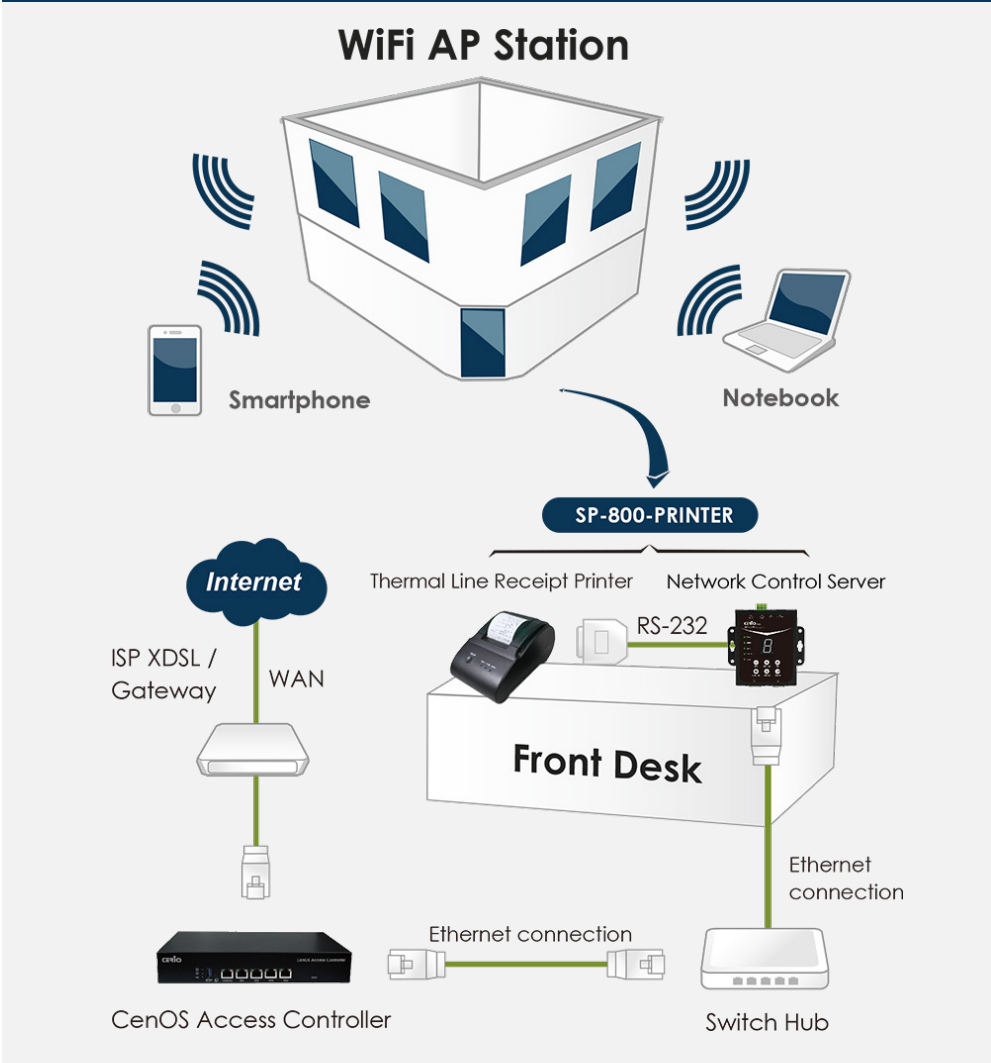
Highlight Features

Network Control Server:

- 10/100 Mbps Fast Ethernet full duplex auto negotiation
- Two DB9 RS-232 Console supported
- (0~9 display), 10 segment LED display
- 6 matrix function keys
- Ethernet activity, Power LED's
- Support TCP Server/ Client link mode
- DHCP, BOOTP, Static IP, and ARP supported
- Built-in Web server for configuration
- Support 12~60VDC Wide Voltage and Over Voltage Protection
- Support overload current and reverse polarity protection and One removable 2-contact terminal Block
- On Desktop & Wall Mountable Form Factor
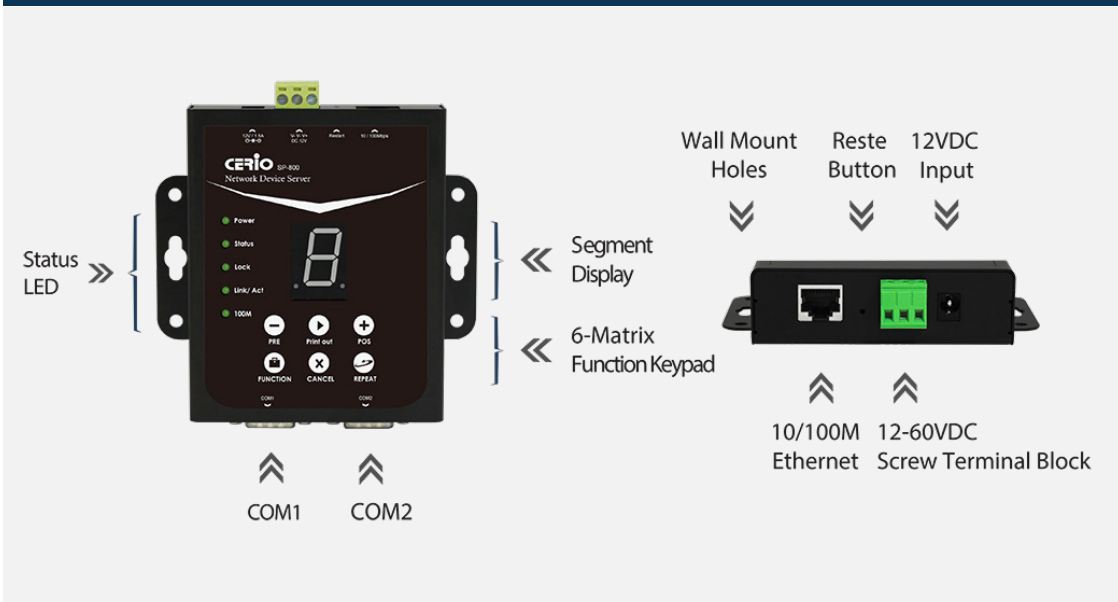- Wall-mount Rugged metal case with IP50 compliance for industrial usage

Thermal Line Receipt Printer:

- Halt-on protect for over heat 60 °C
- Interface for Serial available
- Use ESC / POS printer commands set
- Drop and print paper installation for user friendly
- Simple paper jam elimination
- Print Head 50Km Life Support
- LED Indicators support Power, Error, Paper

SP-800-PRINTER with CenOS Controller System Application

Network Control Server Hardware Overview

Network Control Server :

Hardware Specifications

Indicators (LED)
Power
10/100Base-TX connection
Link Status
Keypad Status
(0~9 display), 10 segment LED display

Keypad
6 matrix function keys

Hardware Power Switch
On / Off

Serial & Network Interface

Serial Port
DB-9-DTE(male) * 2

Data Rates
COM1 : 1200　to　921600 bps
COM2 : 9600 bps

Characters
5, 6, 7, 8　data bits

Parity / Stop Bits
Odd , Even, None /
1　or　1.5

Flow Control
XON/ XOFF (Software), RTS/ CTS (Hardware), None

Network Interface
Ethernet 10/100M (Auto-Sensing) RJ45 * 1

Link Mode
TCP Server/Client

Protocols
TCP, UDP, ICMP, IPv4, DHCP, BOOTP, ARP, DNS, ICMP, Telnet, DHCP, HTTP

Environmental & Mechanical Characteristics

Isolation
Serial : Transient protection for data lines (TX and RX) to ±15KV(air),±8KV(contact)
RJ45: Transient protection for data lines (TX and RX) to ±15KV(air),±8KV(contact)
Power Input : 1500W peak pulse power capability with 10/1000 us waveform repetitive rate (duty cycle) : 0.01% ; Uni and Bidirectional

Power Consumption
1.68W Max

Operating Temperature
0 °C ~ 60 °C

Storage Temperature
0 °C ~ 70 °C

Operating Humidity
10% to 80% Non-Condensing

Storage Humidity
5% to 90% Non-Condensing

Power Supply
DC Jack : 110 – 220V AC Power ; 12 VDC input. Screw Terminal Block :　12-60 VDC

Weight
282g

Dimensions (W x H x D)
9 x 2.5 x 11 mm

Material
IP50 Metal enclosure

Form Factor
Desktop & Wall Mount

Certification
FCC,CE, IP50、ROHS compliant

Thermal Line Receipt Printer :

Hardware Specifications

Print Speed
52mm/sec (14 lines/sec)

Print Life
50km

Interface
Serial D-Sub 25 pin female connector, 9600 bps baud-rate, none parity, 8 data bits and 1 stop bit, supports RTS/CTS & XON/XOFF protocol

Hardware Button
Feed: to feed roll paper

Print commands
ESC/POS print commands set

Print Font
ASCII : 12 x 24 dots, 1.25mm(W) x 3.00mm(H)
Graphic : 24 x 24 dots, 3.00mm(W) x 3.00mm(H)

Print Resolution
384 dots/line or 8 dots/mm

Effective Print Width
48mm

Paper Width
57.5mm± 0.5mm

Paper Roll Diameter
50mm

Paper End Detection
Yes

Indicators (LED)
Power: shows power on/off status
Error: indicate the printer error
Paper: indicate out of paper or printer cover is not close properly

Environmental & Mechanical Characteristics

Operating Temperature
0 °C ~ 50 °C

Storage Temperature
-10 °C ~ 55 °C

Operating Humidity
10% to 90% Non-Condensing

Storage Humidity
10% to 90% Non-Condensing

Power Supply
DC Jack : 100 – 240VAC Power ; 8 ~9 VDC /3A input.

Weight
765g

Dimensions (W x H x D)
112 x 91 x 185 mm

Certification
FCC, CE, ROHS compliant

Package Contents

Contents

Network Control Server :

Main Unit	x1
Power Adapter	x1
Quick Installation Guide	x1
Warranty Card	x1

Thermal Line Receipt Printer :

Main Unit	x1
Power Adapter	x1
D-Sub 25 to D-Sub 9pin RS232 Cable	x1
Thermal Paper	x1