SP-800-QRCPRT

CenOS Account Ticket Generator QR Code POS System

EAN Code : 4712757152852

Introduction

CERIO CenOS Account Ticket Generator QR Code POS kits containing a Thermal Printer and Network Control Server provides instant ticketing for users, comes with an Ethernet port Line Thermal Printers that can be attached at the same time. CERIO CenOS Access Controller on-demand billing kit is designed for ease of use for 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 QR Code 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 + **QR Code Thermal Line Receipt Printer**

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The SP-800-QRCPRT is easy to install and setup, allowing the Line Thermal Printer to connects directly to the Network Control Server with Ethernet port and standard TCP/IP (RJ45) interface to connect CERIO CenOS Access Controller. Simple to operate with just a few clicks needed on the Network Control Server and out comes the ticket from the Line Thermal Printer.
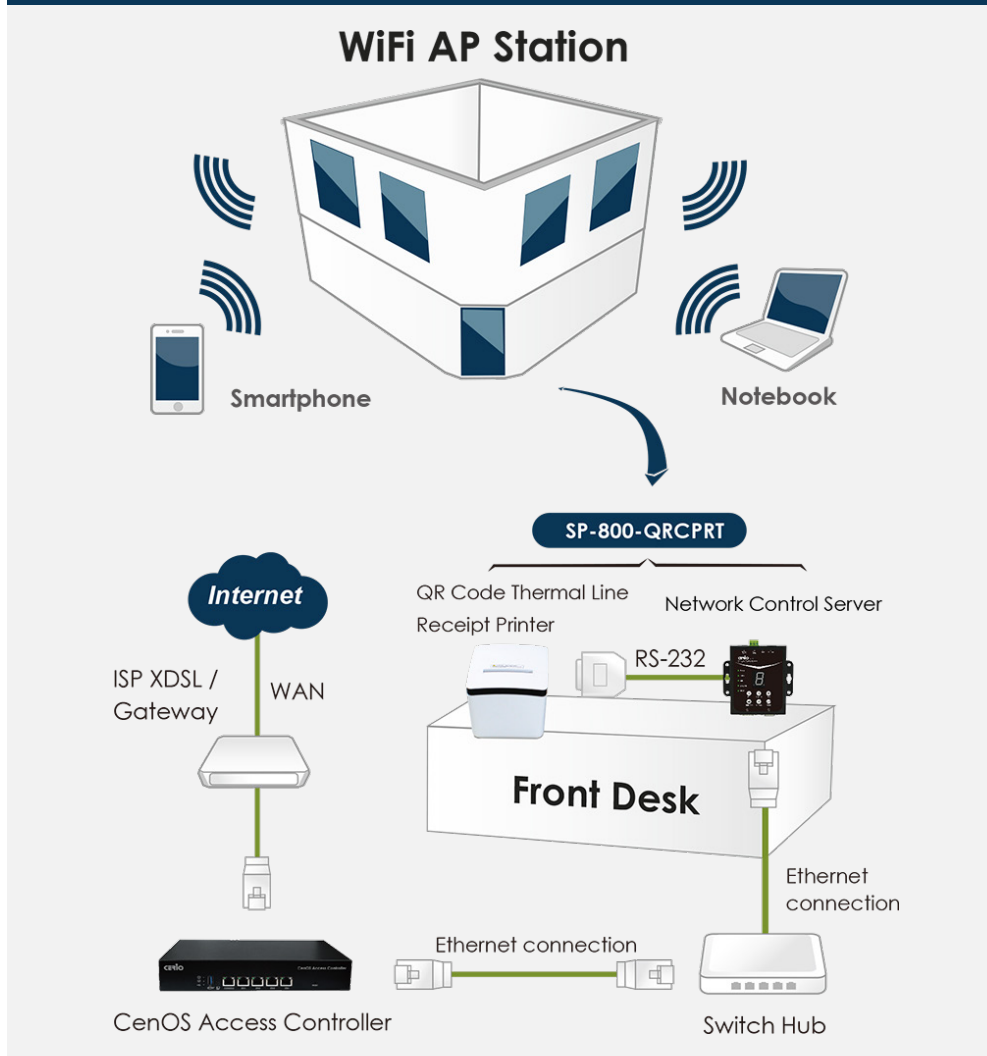
Highlight Features

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.
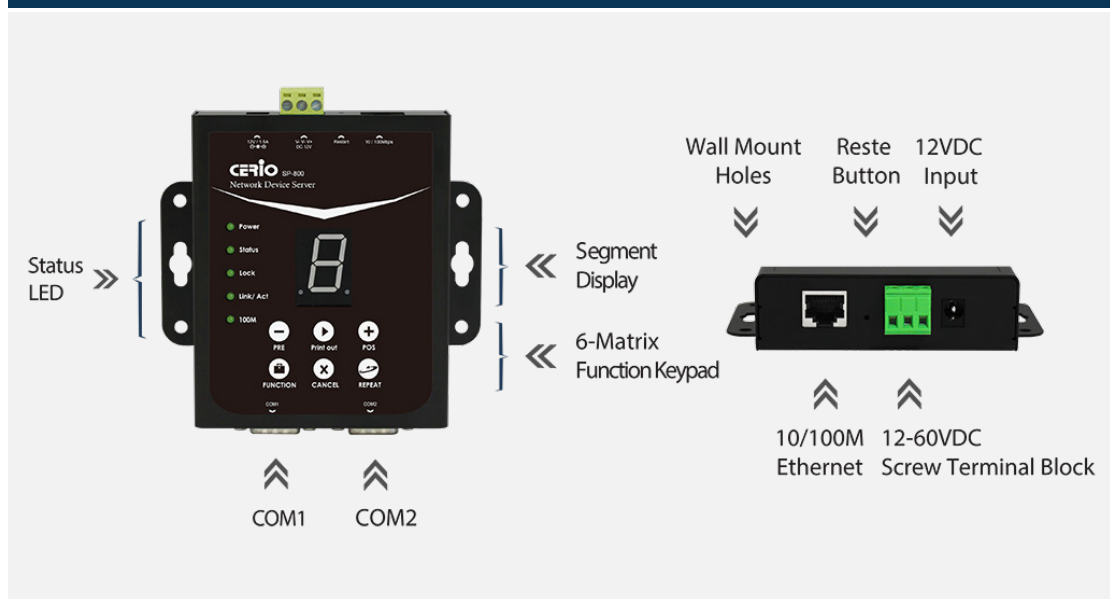- Wall-mount Rugged metal case with IP50 compliance for industrial usage.

QR Code Thermal Line Receipt Printer:

- Halt-on protect for over heat.
- Interface for Ethernet RJ45 available.
- Use ESC / POS printer commands set.
- Drop and print paper installation for user friendly.
- Simple paper jam elimination.
- Print Head 100Km Life Support.
- LED Indicators support Power, Error, Paper.

SP-800-QRCPRT with CenOS Controller System Application

WiFi AP Station

Smartphone

Notebook

SP-800-QRCPRT

QR Code Thermal Line Receipt Printer

Network Control Server

RS-232

Internet

ISP XDSL / Gateway

WAN

Front Desk

Ethernet connection

Ethernet connection

CenOS Access Controller

Switch Hub

Network Control Server Hardware Overview

Status LED

Segment Display

6-Matrix Function Keypad

COM1   COM2

Wall Mount Holes

Reste Button

12VDC Input

10/100M Ethernet

12-60VDC Screw Terminal Block

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

Production Location
TW Only

Certification
FCC,CE, IP50、ROHS compliant

QR Code Thermal Line Receipt Printer :

Hardware Specifications

Print Speed
250mm/sec

Print Life
100km

Interface
Ethernet 10/100Base-Tx (Auto-Sensing) RJ45 * 1

Hardware Button
Feed: Roll paper

Print commands
ESC/POS print commands set

Print Font
ASCII : 12 x 24 dots
Graphic : 9 x 17 dots

Print Resolution
576 dots/line or 512 dots/mm

Effective Print Width
72mm

Paper Width
79.5mm± 0.5mm

Paper Roll Diameter
83mm

Paper End Detection
Yes

Over-Heat Halt-on Protection
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 ~ 40 °C

Storage Temperature
-10 °C ~ 60 °C

Operating Humidity
10% to 90% Non-Condensing

Storage Humidity
10% to 90% Non-Condensing

Power Supply
DC Jack : 100 – 240VAC Power ; 24 VDC / 2.5A input.

Weight
1.2kg

Dimensions (W x H x D)
174 x 144 x 124 mm

Production Location
TW Only

Certification
FCC, CE, ROHS compliant

Package Contents

Contents	
Network Control Server :	
Main Unit	x1
Power Adapter	x1
Quick Installation Guide	x1
Warranty Card	x1
QR Code Thermal Line Receipt Printer :	
Main Unit	x1
Power Adapter	x1
Quick Installation Guide	x1
Thermal Paper	x1