# Mini Network USB 2.0 Print Server

LY-MPS-N01 is a **Mini USB Print Server**, a 10/100Mbps Ethernet to USB 2.0 Network LPR Print Server, after connected to the local area network (LAN) through the RJ45 network cable, it is an independent network device in LAN, which allows multiple computers in the local area network to share a USB printer. It's replacing the computers which worked as the print server with the high cost, spacy-occupying, high energy consuming, not easy to manage later disadvantages. Allowing users to use mobile phones, tablets, computers, other devices to print files.

LY-MPS-N01 **Mini USB Network Server** adopts standard USB 2.0 interface (compatible with USB1.1), with simple config tool for parameter configuration. Supports multiple protocols and operating systems, the smartphone no need to install any software or drivers, can print directly from operating the mobile phone (work with Prepaid Third-party PrinterShare or PrintHand APP).

LY-MPS-N01 **Mini USB Print Server** uses a highly integrated chip, low power consumption, when compares with traditional computer sharing printers, using LOYALTY-SECU Mini USB Network Printer for printer sharing can greatly save power, reduce costs, and be more environmentally friendly.

**Product Highlights:**

- Simple and compact design, low power, small footprint, easy to carry.
- Support to print file in format of image, PDF, PPT, Excel, Word
- Adopts industrial grade ARM A7 1.2GHz Chipset, ensure the printing much faster and more stable.
- Equipped with 1PCS RJ45 LAN port, support Multi-Users sharing an USB printer.
- Standard USB2.0 interface, support high-speed, stable printing.
- High compatibility: support CUPS system, IPP printing protocol, compatible with more than 99.5% of printer models on the market.
- Work with the Third-Party Prepaid APP, ensure the android smartphone can print the file or images directly.
- White & gray color is available, accept customization for other color.

# Network USB Print Server

## Making Print Sharing Easy and Free

**Mini**    **USB 2.0**    **RJ45**

## Product Main Features:

**1.Quick Installation:** No need to install any driver, with simply config tool for parameter configuration, ordinary USB LPR printer becomes the network printer in seconds.

**2.High Compatibility:** Support CUPS system, IPP printing protocol. compatible with more than 99.5% of the brand USB printer on the market.

**3. Quick & Easy Printing:** As long as the USB print server is connected to the Internet, other connected mobile phones or computers can print files directly.

**4.Computer and Smartphone Print Sharing:** Works with Windows 2000/2003/XP/Vista/7/8/10/11, MAC OS (MAC OS discovers printers automatically), LINUX systems. Easily share and print files from Android and Harmony OS devices, supporting various formats such as image, PDF, PPT, Excel, and Word.

**5. Industrial-Grade Performance:** Featuring an ARM A7 1.2GHz CPU, our print server supports the CUPS system and IPP printing protocol, delivering faster, more stable printing experiences and exceptional compatibility compared to other vendors.

**How to make your USB Printer Work with USB Network Print Server Quickly?**

**Step 1:** Download "Print Server Config Tool" from our business site into your Windows computer.

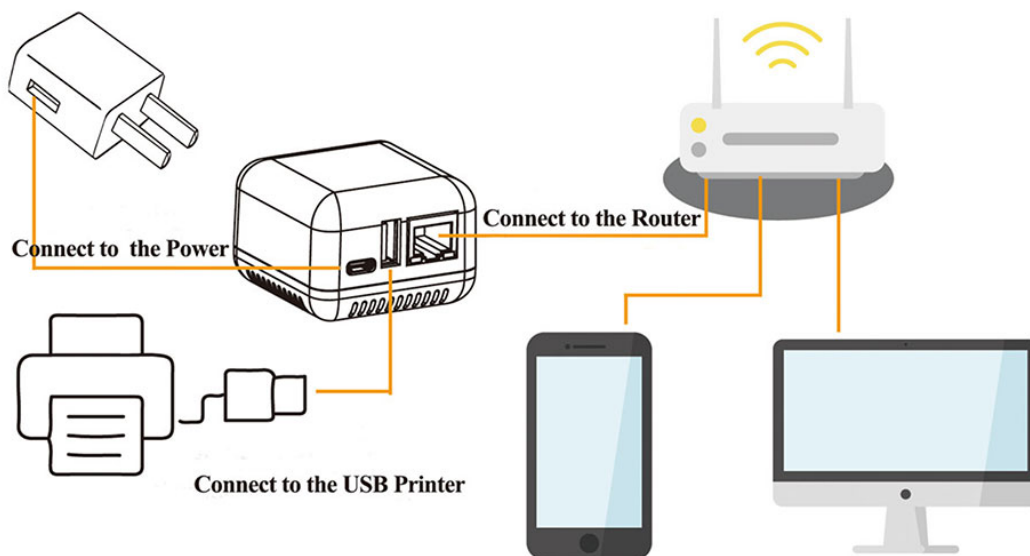**Step 2:** Connect Print Server with Your Windows computer via USB cable.

**Step 3:** Assign a fixed IP address for the USB Print Server via "Print Server Config Tool" on Windows computer firstly.

**Step 4:** Add the Print Server IP address into your target USB printer in your computer. Exploring the excellent printing experience via the Print Server.

**Need to print via Android Smartphone:**
Download and install the Third-Party & Prepaid APP "PrinterShare" or "PrintHand" into your Android Smartphone and follow manual user to setup, then you can send print jobs to your USB printer wirelessly in LAN.
**Note: Please follow our user manual & demo video to finish the above configuration.**



**Application:**

Small and medium-sized companies, schools, households, stock markets, education, express companies, e-commerce companies, etc

## LOYALTY-SECU Network Print Servers Unsupported USB Printer

## Models

Canon: Canon LBP Series: 2900/3000/3300/5000/6000/6200/7010 etc.
Canon PIXMA iP1180, Canon L11121e
EPSON: EPSON Stylus Photo R330, Stylus Photo 1390, XP-4100
RICOH: All Ricoh Printer Models (Excludes MP2014AD)
HP: HP1022



# Unsupported Model for USB Printer List

### Canon (Canon LBP Series):
2900/2900+/3000/3300/5000/6000/6200/7010 etc,
Canon PIXMAiP1180/L11121e

### EPSON:
Stylus Photo R330/XP-4100Stylus Photo 1390

### RICOH:
All Ricoh Printer Models (Excludes MP2014AD)

### HP:
HP1022

Note: Please note the above model printers DON'T work withLOYALTY-SECU USB Network Print Server
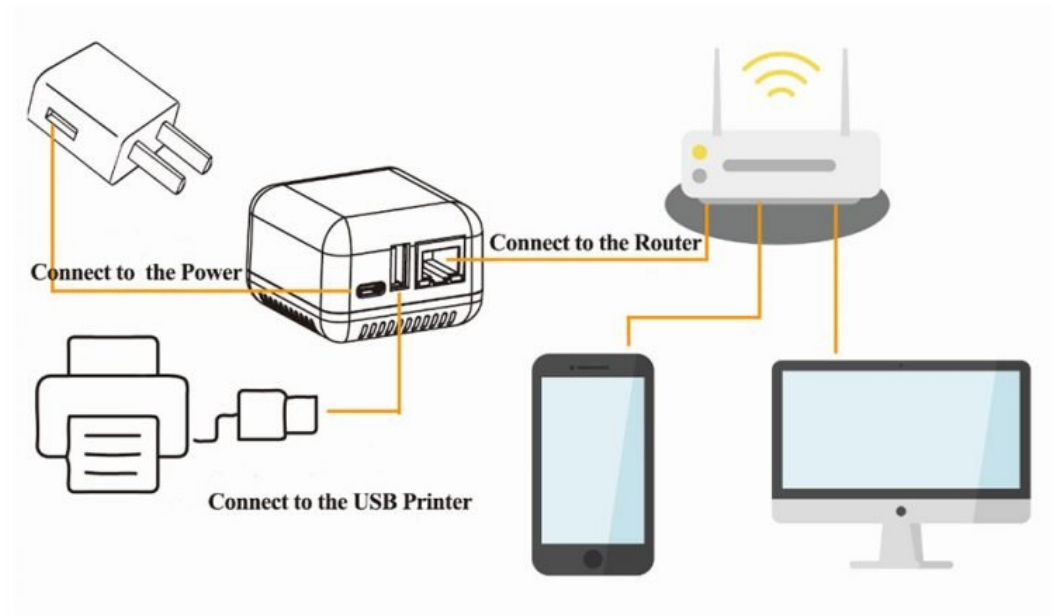
**Product Package Items:**

1PCS* 5V/1A Power Adapter
1PCS* User Manual
1PCS* USB Print Server
1PCS* After-Sales Card

**Product Specification:**

| Model | LY-MPS-N01 |
|---|---|
| Product Item | Mini USB Print Server |
| Support Printer Type | Standard USB Printer |
| CPU | ARM A7 1.2GHz |
| Memory | 128MB DDR2 |
| Flash | 128MB NANDFLASH |
| Printer Connection | USB 2.0/USB 1.1 |
| Product Size(L*W*H) | 53*53*40mm |
| Operating System | LINUX3.4 |
| USB Print Interface | USB2.0 Host |
| USB Config Interface | USB2.0 Device |
| Network Interface | 10/100Mbps RJ45 |
| TF Card Storage | Available for Customization (Max support 256GB) |
| Bluetooth Function | Please Order LY-MPS-BN01 Model |
| WiFi Function | Please Order LY-MPS-WN01 Model |
| Network Protocols | IPP,LPD,IPX, TCP/IP, NETBUEI, LPR, SMB (Over TCP/IP), AppSocket |
| Working System | Windows 2000/2003/XP/Vista/7/8/10/11 ,MAC OS,LINUX and Android & Harmony OS operating system |
| Power Supply | 5V/1A |
| Product Weight | 25g |
| Single Packing Box Size | 13.5*13.5*5CM |
| Single Packing Weight | 160g |
| Packing Items | 1PCS * Print Server,1PCS * Power Adapter,1PCS * User Guide |
| Product Color | **White/Gray**, accept customization for other color |
| Operating Environment | Temp: -10°C~50°C, Humidity: 20%~85% |

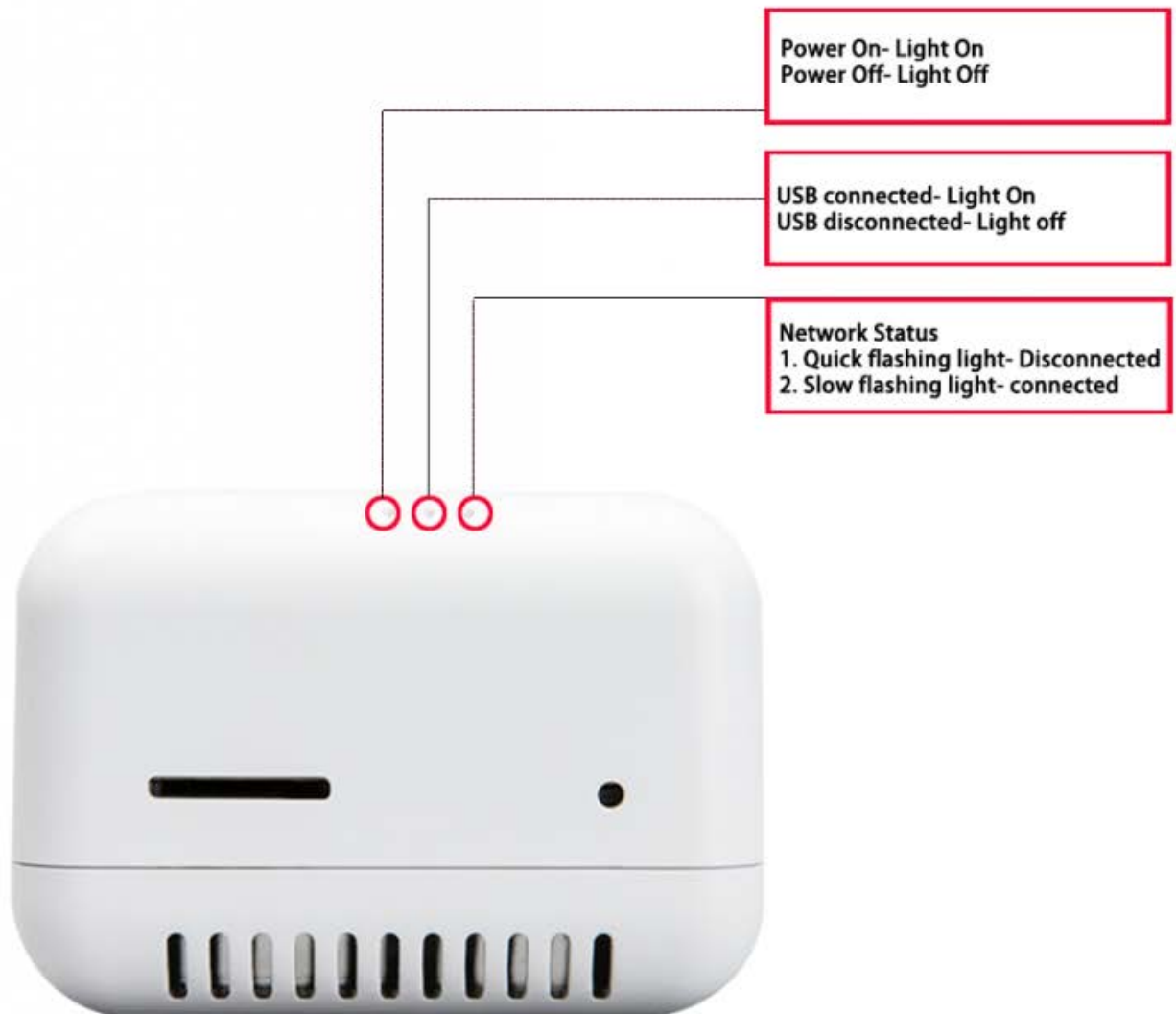| Charging Environment | Temp: 5°C~40°C, Humidity: 20%~85% |
|---|---|
| Storage Environment | Temp: -20°C~70°C, Humidity: 5%~95% |
| Support Printer Type | Inkjet Printers, Label Printer, Barcode Printer, Impact Printer (Dot Matrix Printing), Thermal Label or Receipt Printer, Laser Printer, Multifunction Printer (MFP), and so on. |

# Workflow



## Easy to use and install

1. Easy-to-use Windows-based configuration/management and setup of print server；

2. Simply use a USB cable to connect the print server to your printer's USB port, then use an RJ45 networking cable to connect it to the rest of your network；

3. Print from any computer/ Smartphone in the same Intranet across the office.

**Product Configuration Demo Video Link:**

https://loyalty-secutech.com/video/

# LED Indicator

Power On- Light On
Power Off- Light Off

USB connected- Light On
USB disconnected- Light off

Network Status
1. Quick flashing light- Disconnected
2. Slow flashing light- connected

# Mini USB Print Server