

star CloudPRNT

Take Your Business to the Next Level with Direct Server Printing

Quick to integrate. Easy to deploy. Scalable.

Star Micronics' CloudPRNT technology revolutionizes printing by enabling direct communication between Star printers and cloud services. This advanced solution effortlessly interfaces with web-based point-of-sale (POS) systems utilizing Star's unique communication protocol. CloudPRNT adeptly manages and prints orders, retrieving data regularly from cloud POS services that use a JSON format.

Embedded within the technology provider's or ISV's server, CloudPRNT is adaptable to various programming languages and architectures, offering unmatched flexibility. It significantly streamlines business operations by negating the need for additional tablets or devices to relay printing tasks. Businesses benefit from direct printer-to-web POS system communication, enhancing overall operational efficiency.

Another key advantage of Star's CloudPRNT is its built-in set of SSL certificates recognized by TLD Registrars. This relieves integrators and service providers of the responsibility of managing SSL certificates for their printers. This feature not only simplifies the setup but also strengthens security.

The implementation of CloudPRNT in web-based POS systems marks a step forward in embracing cutting-edge, efficient technologies. It presents an accessible, seamless solution for combining online transactions into daily business activities, bridging the gap between traditional and digital transaction processing.

Product Highlights

- CloudPRNT printer communicates directly with the server
- The server can control peripherals connected to the printer (e.g. cash drawer, scanner, buzzer/sounder)
- Multi-interface supporting POS (native) and cloud-based POS systems
- Hosted by the solution provider/ISV – can be built in desired language/architecture

Suitable for ANY Business Using Web-Based Application!
Labels | Orders | Receipts | Ticketing | Scheduling | And More!



Star CloudPRNT

Cloud Printing for mC-Print2, mC-Print3, TSP654II, SP742, TSP743II, TSP847II



mC-Label3

- Supports multiple types of media
- Toolless Maintenance
- Label Builder
- One Touch Printing
- Black Mark Gap Sensor
- USB-A (2 Ports) for MCW10 and Star Scanners

HARDWARE SPECIFICATIONS

Method: Direct Thermal
Paper Width: 80mm / 58mm
Paper Thickness: 0.053 - 0.085mm
Resolution: 203 dpi (8 dots/mm)
Speed: 60 RPM* (300mm/s)



TSP100IV

- Dual Interface, LAN + USB-C / USB-A
- AOA Protocol
- Built in Power Supply

Direct Thermal
80mm
203 dpi
48 RPM* (4.7 lines)



TSP100IV SK

- Dual Interface, LAN + USB-C / USB-A
- Prints Linerless Labels
- High-Speed printing at 180mm/s
- AOA Protocol
- Built in Power Supply

Direct Thermal
80mm / 58mm / 40mm
203 dpi
48 RPM* (250mm/s)



TSP700

- 3-inch Label/Ticket Printer
- Drop-In & Print Paper Loading
- Black Mark Label Support
- Jam-Free Cutter

Direct Thermal
80mm / 58mm
0.06 - 0.15mm
203 dpi (8 dots/mm)
48 RPM* (250mm/s)



SP700

- Dot Matrix Printing
- Embedded Power Supply
- Kitchen Buzzer Option
- 2 Color Printing Capability

9 Pin Impact Dot Matrix
70mm Standard / 58mm
0.06 - 0.08mm
203 dpi (8 dots/mm)
13 RPM* (4.7 lines)



mC-Print3 & 2

- 3-inch/2-inch Thermal Printer
- Sleek, Compact, Connected
- Easy to Integrate Through Common SDK
- Front-Exit Printing
- USB-A (USB ports for peripherals) (2 ports for MCP2, 1 port for MCP3)

Direct Thermal
80mm Standard, 58mm Standard
0.053 - 0.075 mm
203 dpi (8 dots/mm)
55/40 RPM* (250mm/s / 100mm/s)

* Receipt Per Minute

WHAT'S INCLUDED

Setup Guide | Power Switch Cover (except mC-Prints) | Start-Up Paper Roll | External Power Supply / Power Cable (SP700) | Wireless USB Adapter for WLAN and AirPrint Models

CloudPRNT SERIES CONNECTIVITY

USB-B for POS System; Ethernet for CloudPRNT or WebPRNT; DK-Port for Cash Drawer or Buzzer
mC-Print – 1 USB-A Port (1 Port 2.4A to an iOS Device)

CloudPRNT SERIES SOFTWARE SUPPORT

Printer Driver for Windows, Mac OSX & Linux; JavaPOS; OPOS; StarPRNT SDK for iOS, Android and Windows; WebPRNT SDK for JavaScript; CloudPRNT Protocol for JSON; StarXpand SDK for iOS, Android, Windows, and React Native

MODELS

mC-Label3	TSP100IV	TSP100IV SK	TSP700	SP700	mC-Print3 & 2
MCL32CI - 39658110 MCL32CBI - 39658310 MCL32WCi BLK US - 37951170 MCL32WCBi BLK US - 37951180	TSP143IVUE GRY US - 39473010 TSP143IVUE WHT US - 39473110 TSP143IVUW GRY US - 37951430 TSP143IVUW WHT US - 37951440	TSP143IVUW SK GRY US - 37951540 TSP143IVUE SK GRY US - 39473310	TSP743IIW-24L GRY - 37966670 TSP743IICLOUDPRNT-24L GRY - 37966680	SP742CLOUDPRNT GRY US - 37966020 SP742MW GRY US - 37966050	MCP31L NH WT US - 39654210 MCP31L NH BK US - 39654310 MCP31LBi NH WT US - 39654410 MCP31LBi NH BK US - 39654510 MCP20 WT US - 39652010 MCP20 BK US - 39652110 MCP21LBi WT US - 39653010 MCP21LBi BK US - 39653110 MCP30 WT US - 39654010 MCP30 BK US - 39654110