

How to connect to mC-Print3 Receipt Printer via Physical

Ethernet LAN and its setup?

Star mC-Print3

Model MCP31LB

May-19-2020, Version V1.0

Contact information: support@dolphinpos.com

Index	Page#
Printer setup	2-3
Link with DolphinPOS APP	4
Static IP to Printer	5-8
mC-Print Utility, Hardware debug tool	9-12
References	12

Printer Setup

Step1: Connect the Ethernet cable to LAN port of MC print3



Step2: Install the "StarPRNT SDK" from App Store and Open it.



Step3: Find its IP address.

a) Click on "Unselected State"

StarPRNT Swift SDK Ver.5.13.0	
Destination Device	
Unselected State >	
Printer	
Sample	
Black Mark Sample	
Black Mark Sample (Paste)	
Page Mode Sample	
Print Re-Direction Sample	
Peripheral	
Cash Drawer Sample	
Barcode Reader Sample	
Display Sample	
Melody Speaker Sample	
Combination	

b) Select "LAN"

10:24 AM Fri 20 Mar	and the second	⇒ 100% ₩
< Back	Search Port	
List		The same of the local division in the local division in the local division of the local division in the local
	Select Interface.	
	LAN	
	Bluetooth	
	Bluetooth Low Energy	
	USB	
	All	
	Manual	
	Cancel	

c) Note down the IP address from here. Example:192.168.0.48

10:24 AM Fri 20 Mar	
< Back	Search Port
List	
MCP31 (STR-001) TCP:192.168.0.48 (00:11:62:1d:59:76)	

Step4: Open the "Dolphin POS" App. Go to "Setup"

- a) Enable "Star Web Print ON"
- b) Put the IP address in "Printer IP", which we got from Step3 example:

192.168.x.xxx

- c) Is star Barcode Reader [Peripheral needs to be connected to 0.5A Port]
- d) Is Star display unit ON [Peripheral needs to be connected to 0.5A Port]

K Go Back 🔊	Settings	
	Star Webprint On	
	Enable Online Order	
	Printer IP	0
	Auto batch print	
	Is Home Password Protected	0
	Is Ticket Sale	0
	Is Salon	0
	Is Star Barcode Reader	C
	Is Star Display Unit On	•
	Open Cash Drawer	

Step5: Close the Dolphin POS App and open it. You are ready now!!

How to make the mC-Print3 IP address to Static from DHCP?

Step1: Open the setting screen (Web Configuration) of the printer via the Web browser.

http://[Printer IP address]

Note: You can perform Self-Printing to get present IP address

- a) First Power "OFF" the device,
- b) Hold down the FEED button,
- c) Then press the Power button, and release it.



Step2: "Login" to Web Configuration

iPad 🗢	23:45			*	58% 🔳)
< > ()	192.168.1.113	C	Û	+	
star "	C-Print3 Network Utility				
Home	Home				
> Home	- Device Information				
Display Status					
> Device Status	MAC Address :				
System Access	00:11:62:00:06:80				
> Login	Clone MAC Address : (Invalid)				
Manual					
wanuai	<u> </u>				

Login name: root

Password: Log in with the changed password or default password is "public"

root		
•••••		
	Cancel	Log In

Step3: Specify static IP address

From the menu button in the upper left, open "IP Parameters" **1**, select "Static" **2**, enter IP Address, Subnet Mask and Default Gateway **3**, and tap [Submit] **4**.

star mc	-Print3 Network Utility	
Home	IP Parameters	
> Home	 Static Following addresses are used. 	
> IP Parameters	IP Address	
System Configuration	192.168.1.200	
> Change Password	Subnet Mask	
Star Cloud Services	255.255.255.0	
> WebPRNT	Default Gateway	
SSL/TLS	192.168.1.1	
> Miscellaneous	Oynamic	
> Save	Addresses are obtained from network.	
> Set Default	Submit 4	Cancel
Display Status		

Step4: Save settings to printer

From the menu button 🗐 in the upper le	ft, tap "Save" 🌀, sel	ect Save -
Configuration Printing - Restart device 6	, and tap "Execute"	 The settings are
saved to the printer and printed out.		

Star mc-	Print3 Network Utility
Home	Save
> Home	6
Network Configuration	● Save → Configuration printing → Restart device
> IP Parameters	Save → Restart device
System Configuration	Execute Cancel
Change Password	
Star Cloud Services	
> WebPRNT	
SSL/TLS	
> Miscellaneous	
> Save	
> Set Default	

Trouble shooting mC-Print3 Hardware and its setup issues

Step1: Install "mC-Print Utility" tool from the Apple Apps store.

mC-Print Business	t Utility	OPEN
et an	A State Sector	Not the long second
Second Privatel Late::::::::::::::::::::::::::::::::::::	*C-Print Structurd Printer 1 Image: Structurd Printer <t< td=""><td> MC Press.3 y OR rode Nosar and Forder R Press. Ray R Pre</td></t<>	 MC Press.3 y OR rode Nosar and Forder R Press. Ray R Pre



mC-Print Utility Ver.1.4.0	
Selected Printer LAN : 192.168.0.48 (00:11:62:1d:59:76)	mC-Print3 MCP31LB
Top Menu	
Start Guide (Initial Settings)	>
Printer Operation Check	>
Printer Settings	>
FAQ and Others	>

DolphinPOS User Guide

a) Start Guide(Initial Settings):

〈 Back	Start Guide (Initial Settings)
Selected Printer	"C-Print3 MCP31LB
LAN : 192.168.0.48 (00:11:62:1d:59:76)	
Printer Connection	
Find Printer by QR code	>
Search LAN Printer	>
Search Bluetooth Printer	>
Find Bluetooth Printer by Device Name	>
Use Star SteadyLAN	>
Printer Diagnosis	
Check Available Functions	>
Manual	
Setup Manual	>
How to Self-Printing	>

b) Printer Operation check:

K Back	Printer Operation Check
Selected Printer LAN : 192.168.0.48 (00:11:62:1d:59:76)	MC-Print3 MCP31LB
Operation Check	
Printer Test	>
Print Selected Sample	>
Peripheral Unit Test	>
Printer Status	>
Printer Self Printing	>
Operation Check (Peripherals)	
Barcode Reader Test	>
Customer Display Test	>
(Welody Speaker Test	>
Print Photo	

c) **Printer settings:** It's important to "<u>update the firmware</u>" to avoid the

hardware and peripheral (barcode scanner, display, cash drawer)

communication issues.

K Back	Printer Settings
Selected Printer	"C-Print3 MCP318
LAN : 192.168.0.48 (00:11:62:1d:59:76)	
Print Settings	
Memory Switch Settings	>
Logo Settings	>
Interface Settings	
Bluetooth Settings	>
Network Settings	>
USB Serial Number Settings	>
Peripheral Settings	
Barcode Reader Settings	>
Others	
Printer Self Printing	>
Customer Service Function	>

Print3 MCPaille
MCP31LB
>
>

DolphinPOS User Guide

d) FAQ and others:

< Back	FAQ and Others
Selected Printer LAN : 192.168.0.48 (00:11:62:1d:59:76)	mc-Print3 MCP31LB
Manual	
Online Manual	>
Setup Sheets	>
Safety Sheet	>
LED Blinking Pattern	>
FAQ	>
Others	
Product Web Site	>

References

- 1) <u>https://www.star-m.jp/products/s_print/mcprint3/manual/en/settings/usingApp.htm</u>
- 2) <u>https://www.star-m.jp/products/s_print/mcprint3/manual/en/settings/settingsLAN.htm</u>