

## How to connect to EPSON Kitchen Receipt Printer via Physical

### Ethernet LAN and its setup?

EPSON TM-U220B Dot Matrix Receipt Printer

Model: M188B

### LAN card: E04

### May-19-2020, Version V1.0

Contact information: <a href="mailto:support@dolphinpos.com">support@dolphinpos.com</a>

Index	Page#
Printer setup	2-8
Link with DolphinPOS APP	9-10

## **Printer Setup**

### Step 1:

Power switch "OFF" the kitchen printer and <u>press and hold</u> "reset" button (with a sharp pen or so) located at the back of the printer and tern "ON" power switch button. You will get factory IP address like 192.168.192.168 in a printed format. [Make sure you have a paper roll in the printer]



DolphinPOS User Guide

#### Step 2:

Now connect the "Epson Printer" to "Wireless LAN" with CAT5 Ethernet cable

#### Step 3:

Download latest "<u>epsonNet config</u>" utility software on to Your PC by browsing in the internet or below from below link

https://download.epsonbiz.com/modules/pos/index.php?page=single\_soft&cid=6047&scat=43&pcat=3

#### Step 4:

Install it and launch "epsonNet config" APP



#### Step 5:

a) You should detect the Epson printer with MAC and default IP address. If not hit the "refresh" button.

Device(D) Display(V)	Tools(T) Help(H)					
EpsonN Config	et 🛛		and the second second		EPS	SON
Refresh	Configuration 🚛 Launch	Browser	Filter: (All)			
Model Name	MAC Address	IP Address	Route			
TM-U220	F8D027A77B16	192.168.0.30	Wired LAN			
Select the	"configuration"	button		~_		×
Select the EpsonNet Config	"configuration"	button		-		×
Select the EpsonNet Config Device(D) Display(V)	"configuration" Tools(T) Help(H)	button		-	EP	×
Select the EpsonNet Config Device(D) Display(V) EpsonN Config Refresh	"configuration" Tools(T) Help(H) et	button	Filter: (All)	-	EP	×
Select the EpsonNet Config Device(D) Display(V) EpsonN Config Refresh	"configuration" Tools(T) Help(H) et Configuration Launch MAC Address	button	Filter: (All) Route	-	EP	×

#### c)

- 1. Fill basic information like location etc.
- 2. Select Basic TCP/IP
- 3. Select "manual" option
- 4. Fill IP address, Subnet mask and Gateway. Example:
  - IP address:192.168.0.30
  - Subnet mask:255.255.255.0
  - Gateway: 192.168.0.1
  - \*Note: choose above parameters based on your router config.
- 5. You can change the credentials like
  - Username: epson
    - o password :admin
- 6. Hit/tap "Transmit" button

Network  Information  Masic  Administration Infor  Wired LAN  TCP/IP  Basic	Method for Specifying IP Address          Automatic         Set using Automatic Private IP Address         Set using PING	ising (APIPA)	le Manual	3 <u>(</u>		
DNS	IP Address:	192	168		0	30
SNMP	Subnet Mask:	255	. 255		255	0
Basic	Default Gateway:	192	. 168		0	1
Access Control Port Control Timeout Basic Security Certificate SSL/TLS Administrator Settings Administrator Name/Co Admin Password Default Settings		6				
			Transmit	C	ancel	Help

#### Step 6:

Once configured is done select "Launch browser" you should see a pop with the assigned IP address, like in this case <u>https://192.168.0.30</u>, if not open the URL from the browser.

EpsonNet Config				( <del></del> )		×
Device(D) Display(V)	Tools(T) Help(H)					
EpsonN Config	et		States -		EPS	SON
🚯 Refresh 🚦 🕻	Configuration	Browser	Filter: (All)			~
Model Name	MAC Address	IP Address	Route			
O TM-U220	F8D027A77B16	192.168.0.30	Wired LAN			

Apply the credentials here from "Step5, C5".

Sign in https://192.1	68.0.30		
Username	1		
Password		Sign in	Cancel

### Step 7:

Now it opens up "TMnet web config" with basic info. It will push all the changes to Epson printer and you will see Printer status "<u>Online</u>"

EpsonN Config	let		
Home	<u>Help</u>	About	
Information Network	Î	Information - Network Basic Information	
Basic Information TCP/IP		Administrator Name	DolphinPOS
<u>SNMP</u> <u>Bonjour</u> <u>Time Setting</u>	_	Location	Hyderabad,India
Timeout ePOS-Print	_	Interface Card Model Name	UB-E04
	_	MAC Address	F8:D0:27:A7:7B:16
Configuration		Hardware Version	04.00
Network	_	Software Version	01.05
Ethernet Wireless	_	Model Name	TM-U220
<u>SSL/TLS</u> Authentication <u>Certificate List</u> <u>Certificate Impor</u>	ct.	Printer Status	Online
<u>TCP/IP</u> <u>SNMP</u> <u>Bonjour</u>			Relican

**Step 8**: under "configuration" of Network select TCP/IP  $\rightarrow$  IPv4 address and make necessary changes as below based on the local network and hit/tap "send" button.

Epsoni Config	Vet	13 ANONE				
<u>Home</u>	<u>Help</u>	<u>About</u>				
Information Network		<b>Configuration</b> TCP/IP - IPv4 A	- Network Address			
Basic Information TCP/IP SNMP	- I	IP Address Set	ttings	_		(2)
Bonjour		Acquiring the	IP Address		Manual •	
<u>Time Setting</u> <u>Timeout</u>		IP Address			192.168.0.30	
ePOS-Print		Subnet Mask			255.255.255.0	
Configuration	_	Default Gatew	ay		192.168.0.1	
Network	_					
Ethernet		Set Using Auto	omatic Private IP Addressing (APIPA)		Disable •	
Wireless		Set IP Address	s Using ARP + Ping		Disable •	
Security <u>SSL/TLS</u> Authentication <u>Certificate List</u> Certificate Impo	et _			L	Send	] 3
<u>TCP/IP</u> <u>IPv4 Address</u> <u>DNS/DDNS</u> <u>SNMP</u>	0					

**Step 9**: under "configuration" of Network select "ePOS-Print" and make necessary changes as below based on the receipt printer and hit/tap "send" button.

Epson Config	Net					
<u>Home</u>	<u>Help</u>	<u>About</u>				
Information Network	Î	Configuration - Network ePOS-Print	:			6
Basic Informatio TCP/IP SNMP Bonjour	<u>n</u>	Version ePOS-Print		_	5.0 Enable •	
<u>Time Setting</u> <u>Timeout</u> ePOS-Print		Device ID Printing Method			local_printer Thermal (180dpi) ▼	
Configuration Network Ethernet Wireless	-	Character Code Tables			Page 0-5, 16-19	6
Security <u>SSL/TLS</u> Authentication <u>Certificate Liss</u> <u>Certificate Imp</u> <u>TCP/IP</u> <u>IPv4 Address</u> <u>DNS/DDNS</u> <u>SNMP</u> <u>Bonjour</u> <u>Time Setting</u> <u>Timeout</u> <u>ePOS-Print</u>	t port					

**Step 10**: <u>Press and hold</u> "reset" button (with a sharp pen or so) located at the back of the printer for few seconds. You will get your updated Static IP address like 192.168.x.xxx in a printed format. [Make sure you have a paper roll in the printer]. Your kitchen receipt printer is ready for the web printing now!! Please remember this static IP address of the printer.

UD EDA	10000 0000
Hard Version	:04.00
Soft Version	:01.05
Ethernet Status	
MAC Address	:+8-00-27-H7-10-10
Physical Layer	:Auto-neguciación
Link Status	;Connect
Wi-Fi Status	
MAC Address	:Unknown
SSID :EPSON_Prin	nter
Network Mode	:Infrastructure
Comm Standard	:802.11b/g/n
Encryption Type	:WPA2-PSK
Link Status	:Unknown
Channel	:Unknown
Transmission	:Unknown
Access Point	:Unknown
Signal Level	:Unknown
ICP/IP Status	
Acquiring	:Manual
IP Address	:192.168.0.30
Subnet Mask	:255.255.255.0
Default Gateway	:192.168 0 1
	*1/2*100*0*1
ther Status	
11meserver	:Invalid
Stored Date/Time	:2014/01/01 00:0

## How to link Kitchen Printer to DolphinPOS APP via Ethernet

# LAN IP Address?

#### Step 1:

Open the Owner portal with the credentials provided to you by the

dolphinPOS team, by logging into <u>www.dolphinpos.com</u>.

### Step 2:

Go to home page and select "Setup"  $\rightarrow$  "Kitchen Printers"  $\rightarrow$  "Add New" and

add all the required details like Printer Name, Printer IP and Store branch, then

hit/tap "Save" button

Dolphin	=		
🙆 Dashboard	Save Back To List		
> Setup			
> Reports	PrinterSetup		
> Inventory			
> FAQs	Printer Name Kitchen Printer 1	Printer IP 192.168.0.30	Branch Branch
> Customers			
Credit Card Processing			

### Step 3:

Go to home page and select "Inventory"  $\rightarrow$  "Add New" and add all the required item details along with "Printer Name" from the drop down of setup and hit "Save" button at the bottom of the page. You can repeat this for rest of the inventory items.

Show On Screen	Active	Top Item
Printer Name Select Printer- Select Printer- Kitchen Printer 1 Kitchen Printer 2 Modifier	Note: To Add Printer.	Alternate Printer Name Kitchen Printer 1 Kitchen Printer 2
loadings		
Select Image	Image	Upload Image
Select Image	Image Choose File No file chosen Save Modifiers	Upload Image

Now you are ready to use this kitchen receipt printer setup with the

DolphinPOS APP.