DMX MASTER CONTROLLER
ODX 400 PRO
DATASHEET

ETHERNET | WIFI
OK | OK

DMX 4 PORT
MASTER CONTROLLER

4.0 | 512 DMX | Wi Fi | TCP/IP | ART NET ETHERNET | YERLİ ÜRETİM

Technicial Specifications

Operating Voltage	DC 5 V (EXT. Power Supply)
Operating Current	500mA
Power Consumption	2,50 W
Series	Pro
Interface	WEB Based
Connection	WiFi - Ethernet (Artnet)
Outputs DMX	4 x 3-Pin Screw Terminal
	4 X 512 Ch @40FPS
	4 X 1024 Ch @20FPS
Modes	Offline / File Player
	Online / ArtNet Reiciver
Memory	SD Card / 16GB
Remote	Builtin IR

Operating Temp.	-40° C ~ 85° C
Operating Humidity	≥5% - 95% RH
Antenna Socket	SMA
Protection Class	IP20
Dimensions	110x50x103 mm
Weight	0,325 Kg
Materiel	Aluminiyum
Body Color	Ral 9005

Dimensions

ETHERNET | WIFI
OK | OK

DMX 4PORT
MASTER CONTROLLER

88 mm

31 mm

104 mm

179 mm

110 mm

50 mm

Ports

Port 1 | Port 2 | Port 3 | Port 4
GND D- D+ | GND D- D+ | GND D- D+ | GND D- D+

5VDC

Ethernet

SD Card
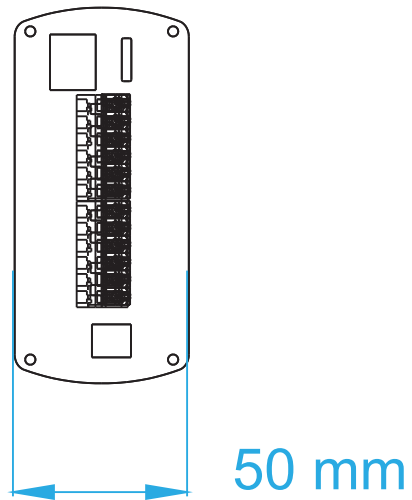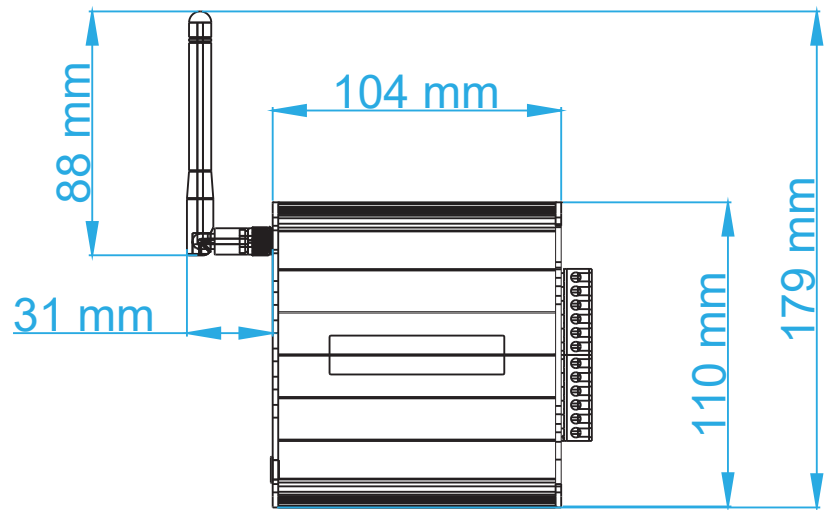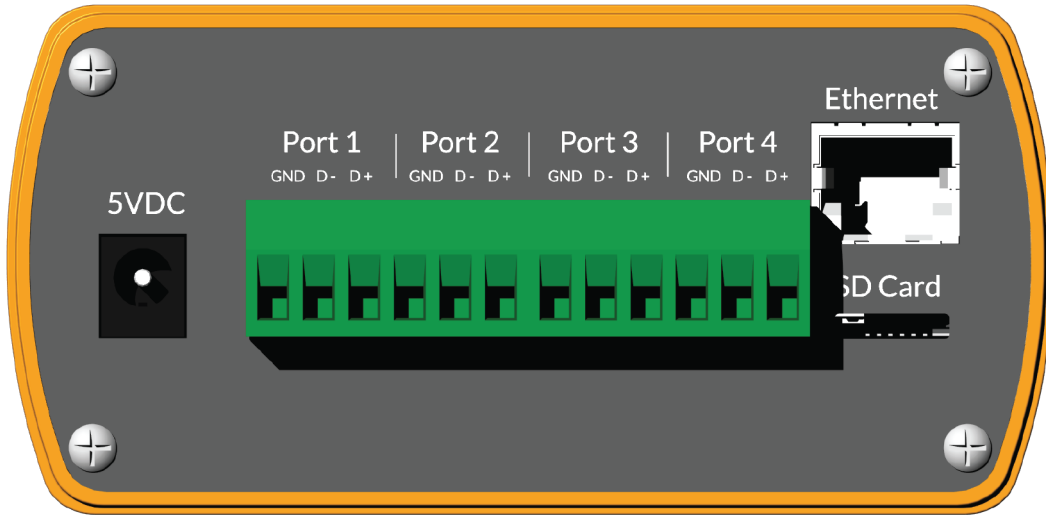
Port 1			Port 2			Port 3			Port 4		
GND	DATA -	DATA +	GND	DATA -	DATA +	GND	DATA -	DATA +	GND	DATA -	DATA +

Control Buttons
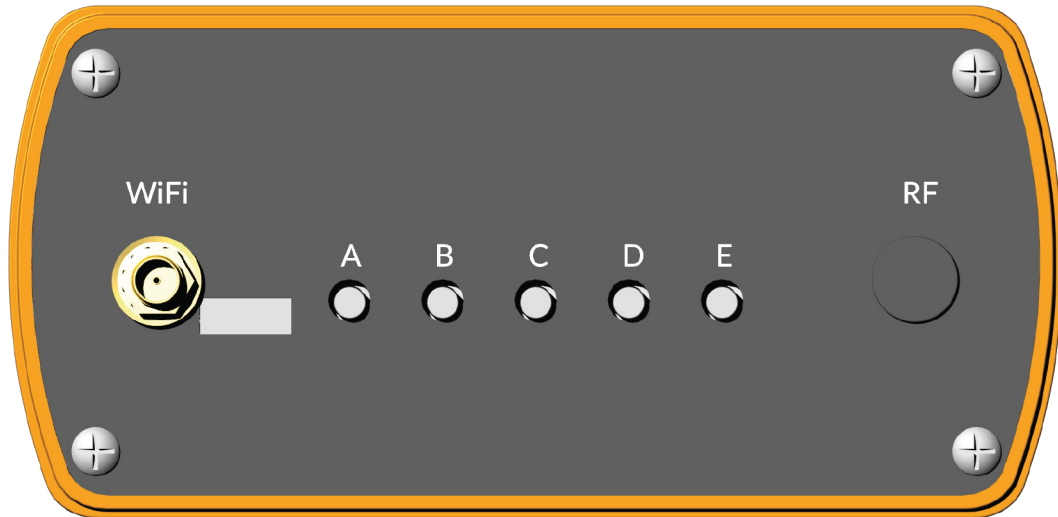
BUTTON	LONG PRESS (5 sec.)	SHORT PRESS	
A	CLEAR WiFi CREDENTIALS	MENU +	
B	WiFi ON/OFF	MENU -	
C	MODE ARNET RECEIVER / FILE PLAYER	**PLAY / STOP	
D		*ARTNET UNIVERSE +	**NEXT FILE
E		*ARTNET UNIVERSE -	**PREV. FILE

*   When device in ARTNET RECEIVER Mode "D" and "E" buttons changes output universes.
Default output universes sets to 1-4.
Press "D" button once to chage output universes to 2-5, then 3-6, then 4-7 etc...
Press "E" button once to chage output universes to 4-7 then 3-6, then 2-5 etc...

**   Avaible when device in FILE PLAYER Mode
"C" button PLAY/STOP current scene file from SDCard.
"D" and "E" buttons changes scene file from SDCard.

Factory Reset

Disconnect all connections from device.
Press and hold "A" button then plug power. Device will start with factory settings.

LCD Display Menus

Common Menus

To browse between menus by pressing "A" (Menu +) or "B" (Menu -) buttons.

DEVICE ID .OLIPTEK_15DE26	Displays device ID (Last 6 digit of Device ID is unique code and ID is diffrent for every device)
WIFI IP(DYNAMIC) .192.168.1.134	Displays WiFi IP when Dynamic mode
WIFI IP(STATIC) .192.168.1.134	Displays WiFi IP when Static mode
WIFI STA MAC . A1B2C31234D4	Displays WiFi MAC address
ETH IP(STATIC) . 192.168.8.10	Displays ethernet MAC address
ETHERNET MAC . A1B2C31234D4	Displays device ID (Last 6 digit of Device ID is unique code and diffrent for every device)
RUN TIME . 0d 00:00:00	Displays device ID (Last 6 digit of Device ID is unique code and diffrent for every device)
VERSION .DMX 800.242.12	Displays device embedded software's running version number

Network Connection Menus

Displays device connections status.

ETHERNET | WIFI . OK | OK	Both Ethernet and WiFi successfully connects to network
ETHERNET | WIFI . OK | X	Ethernet successfully connects to network WiFi disconnects from network or device is in AP Mode
ETHERNET | WIFI . X | OK	Ethernet disconnects from network WiFi successfully connects to network
ETHERNET | WIFI . X | X	Ethernet disconnects from network WiFi disconnects from network or device is in AP Mode

LCD Display Menus

ARTNet Slave Menus

When device in "ARTNet Slave" mode displays current status

```
  DMX STATUS
. ARTNET SLAVE
```

Press "D" and "E" buttons to
increase / decrease universe range.

```
UNIVERSE RANGE
.     0 - 3
```

```
UNIVERSE RANGE
.     1 - 4
```

```
UNIVERSE RANGE
.     2 - 5
```

```
UNIVERSE RANGE
.     3 - 6
```

Press "D" and "E" buttons to
increase / decrease universe range.

```
UNIVERSE RANGE
.     4 - 7
```

```
UNIVERSE RANGE
.    199 - 202
```

```
UNIVERSE RANGE
.    200 - 203
```

LCD Display Menus

File Player Menus

When device in "File Player" mode displays players current status

```
   DMX STATUS
.    STOPPED
```

Press "C" buttons to start/stop current scene data file.

```
   DMX STATUS
. FILE001.dat
```

```
   DMX STATUS
. FILE002.dat
```

```
   DMX STATUS
. FILE003.dat
```

```
   DMX STATUS
. FILE004.dat
```

```
   DMX STATUS
. FILE100.dat
```

Press "D" and "E" buttons navigate between next and previous scene data file.

```
   DMX STATUS
. FILE101.dat
```

```
   DMX STATUS
. FILE102.dat
```

```
   DMX STATUS
. FILE103.dat
```

```
   DMX STATUS
. FILE104.dat
```

```
   DMX STATUS
. FILE999.dat
```

▶ ## SETUP / Connection / WiFi (APMode)

- Make sure your product is plugged in and turned on

- Press "B" button 5 seconds.

- Device will open its build-in WiFi AP Mode and waiting to connect user.

- View available wireless networks from your computer.

- The WiFi network of the device will appear as "OLIPTEK_DEVICEID" among wireless networks as shown in the figure.

- Select this network to connect.

- Default WiFi SSID password   : oliptek123

- Default WiFi IP   :192.168.4.1
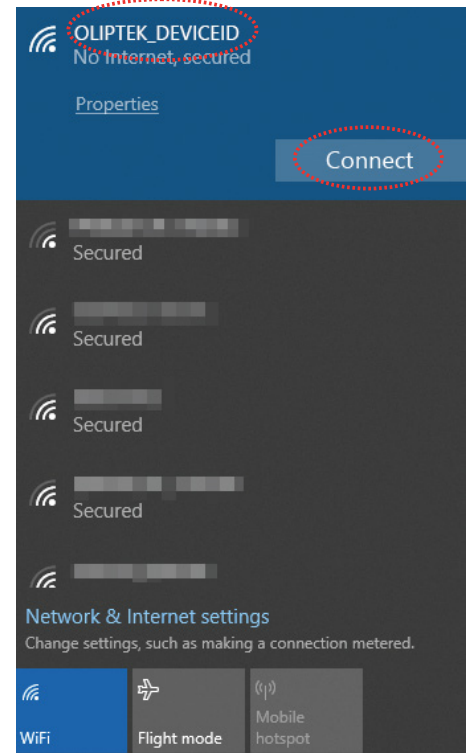
After connecting to WiFi network of the device, type http://192.168.4.1 in your web browser (Chrome, Opera, Safari etc.). Browser will displays "LOGIN" page.

Default Login password : 1234
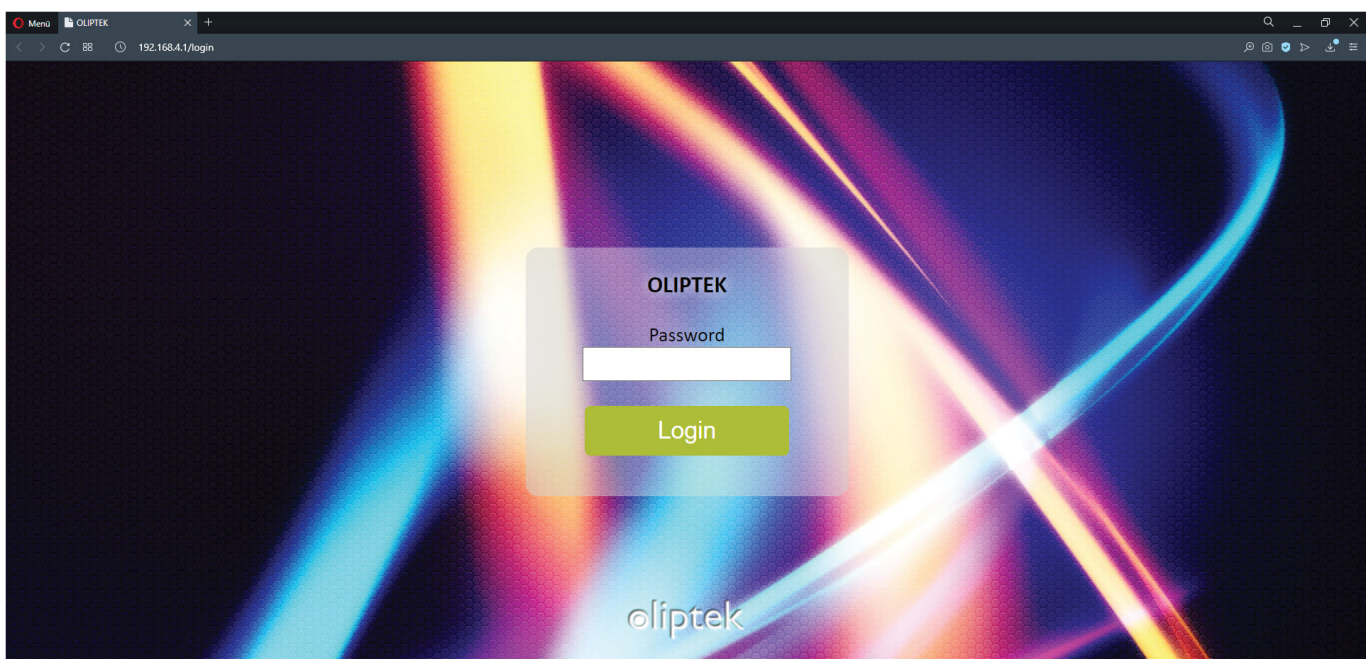
▶ **SETUP / Connection / Local WiFi Networks**

1   In "Connection" page, click "Connect Device to WiFi" button.
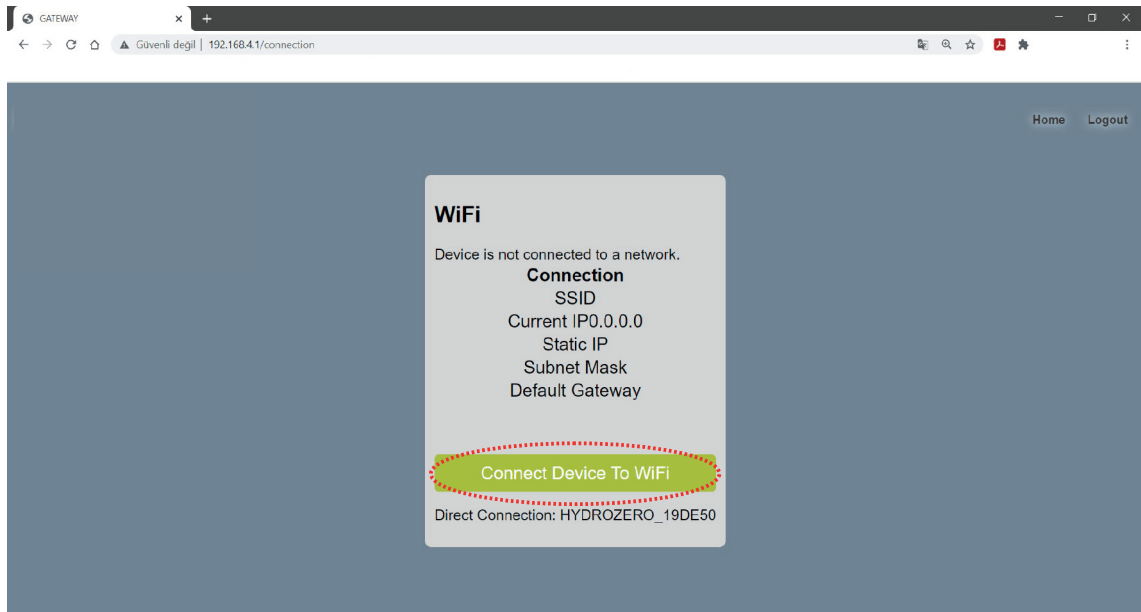
2.   A - Click Your SSID
     B - Enter Your Password
     C - Click to "Connect" button.
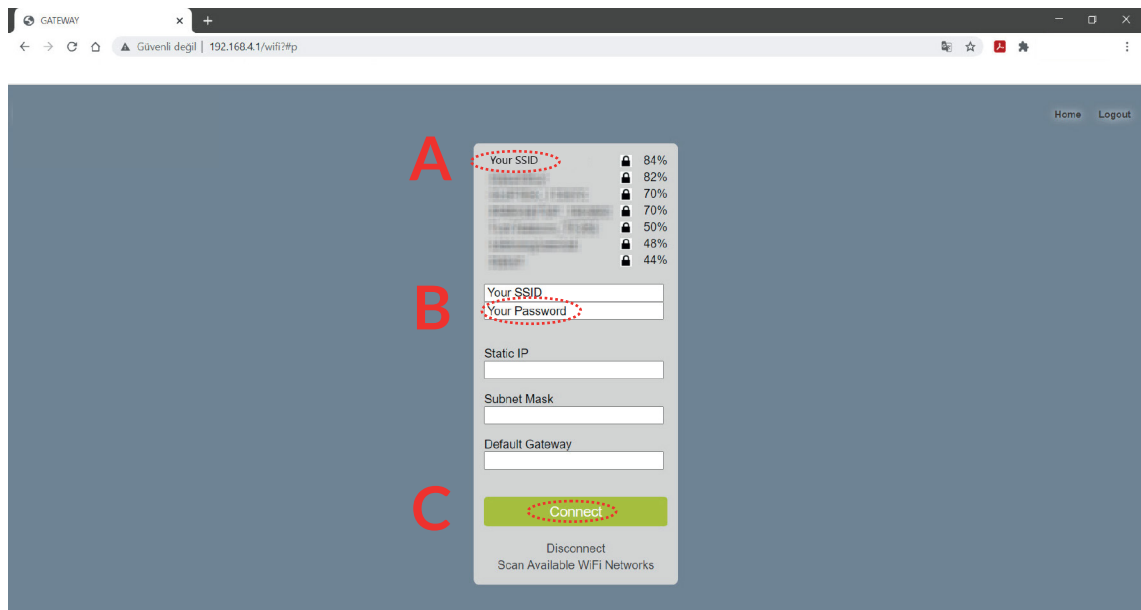
▶ **SETUP / Connection / Local WiFi Networks**

3.   Devcice will be reboot. Wait 10-20 seconds to conncet to local WiFi Network.
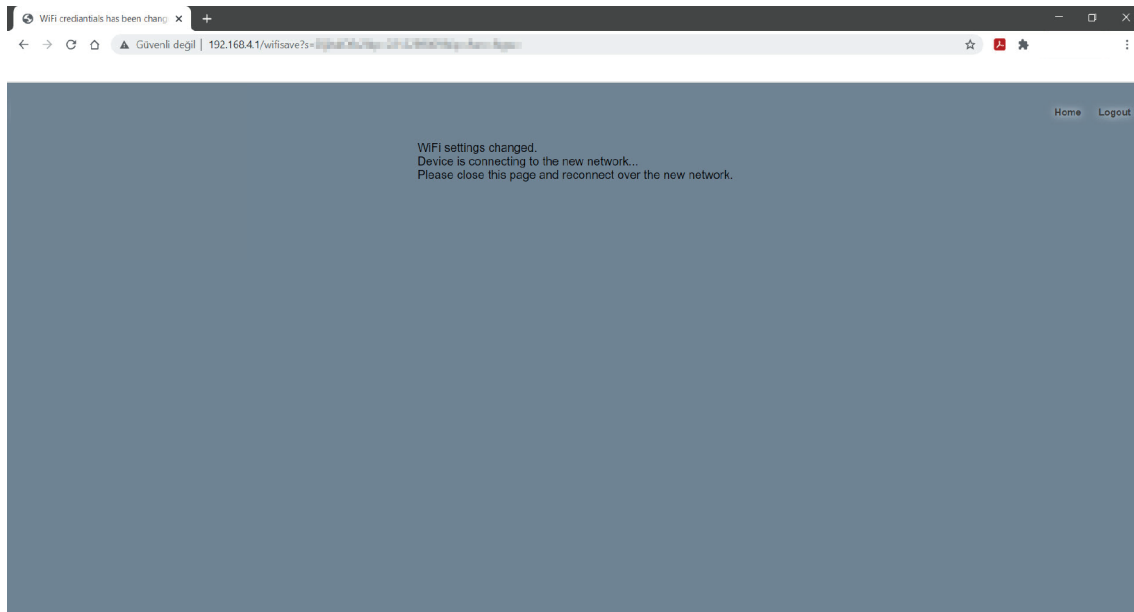
4.   When device connected to your local WiFi network,
        -        Device will always connects your local WiFi network.

        Until user;   Perform "Factory Reset"
                        Disconnect device manualy via "Connection" page.
                        Clear WiFi Credentials by pressing "A" button 5 seconds
                        Turn Off device WiFi by pressing "B" button 5 seconds

▶ SETUP / Connection / Ethernet

- Make sure your product is plugged in and turned on.

- Connect device and your computer to the same network via ethernet cable.

-The lights on the ethernet port of the device need to be lit
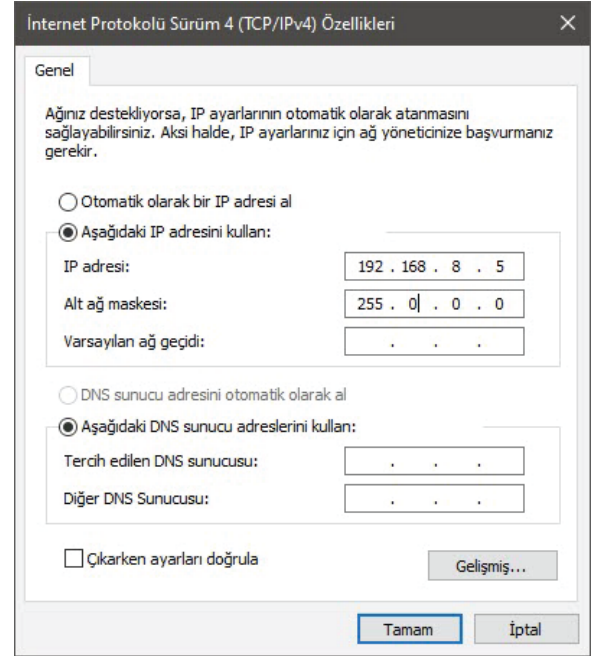
Green blink   Orange static

- Assign correct network settings in Windows operating system as shown in figure

- Default static IP of Device   : 192.168.8.10

After connecting to network , type http://192.168.8.10 in your web browser (Chrome, Opera, Safari etc.). Browser will displays "LOGIN" page.

Default Login password : 1234
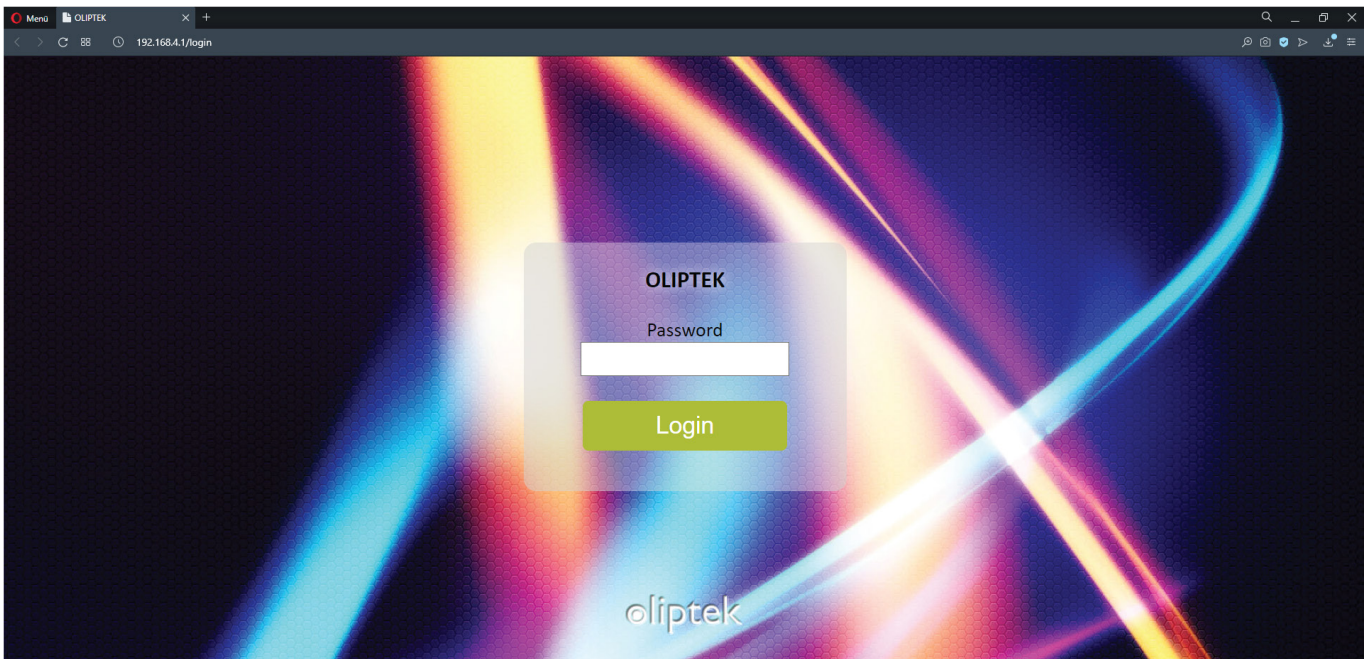
SETUP / Connection / Change Default Static IP of Device

- In connection Page,

Type your preffered IP adress	(for example 192.168.8.11)
Type Subnet Mask as	255.0.0.0
Type Default Gateway	192.168.8.1
Type DNS	192.168.8.1

- Then press "Set Static IP" button.
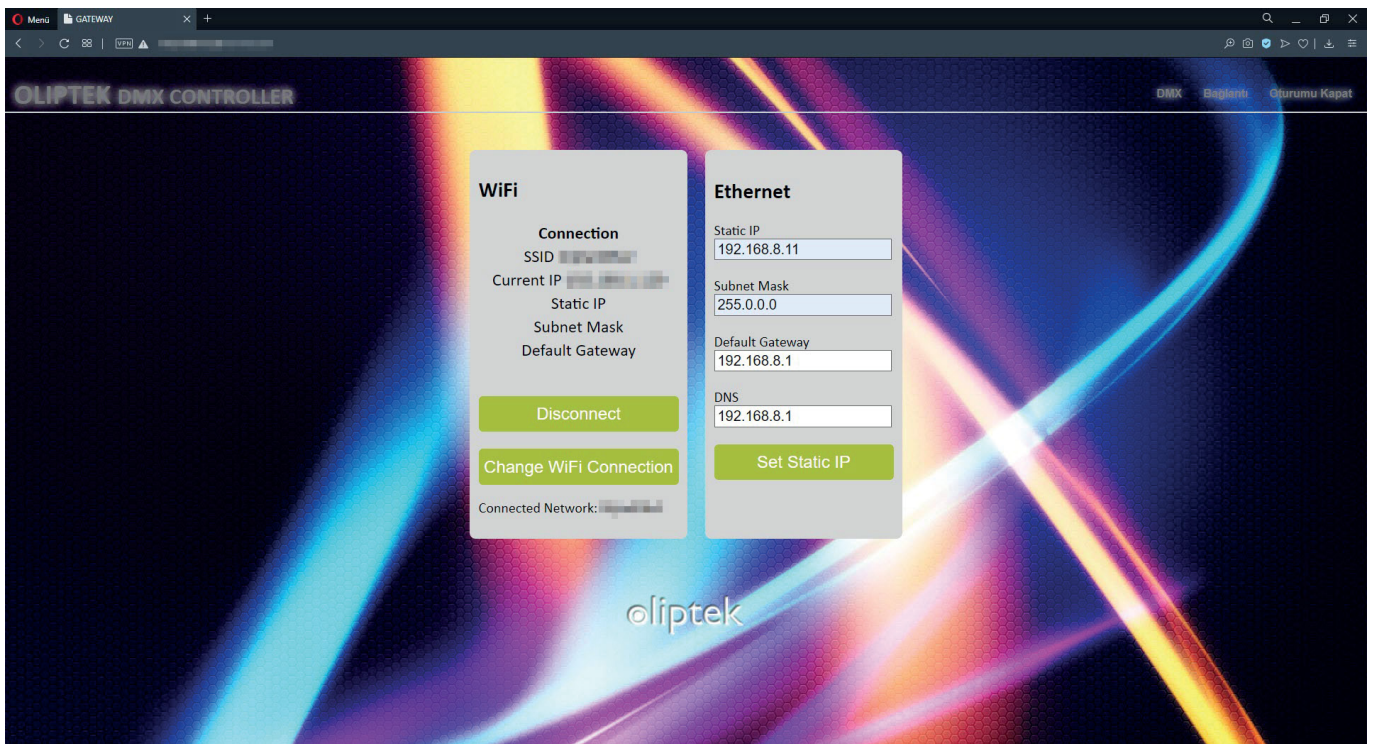
Ethernet IP should appear;
in the "Settings" screen on the web interface   or   on the display of device under ETH IP menu.

SETUP / MADRIX SETTINGS

-        Start the MADRIX Software and go to 'Preferences.. -> Device Manager... -> tab 'Art-Net' and activate 'Enable'. Click on the search button loupe icon) and the device appears in the list.
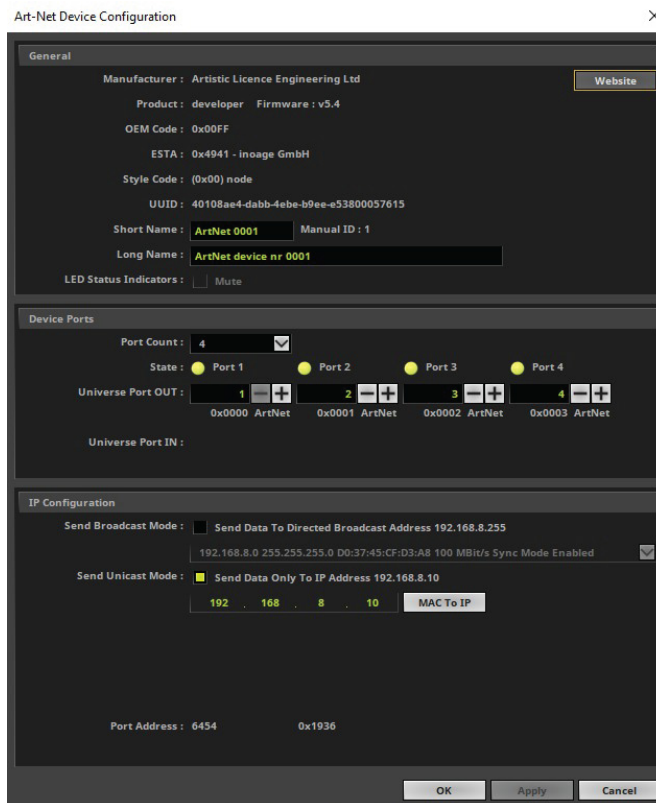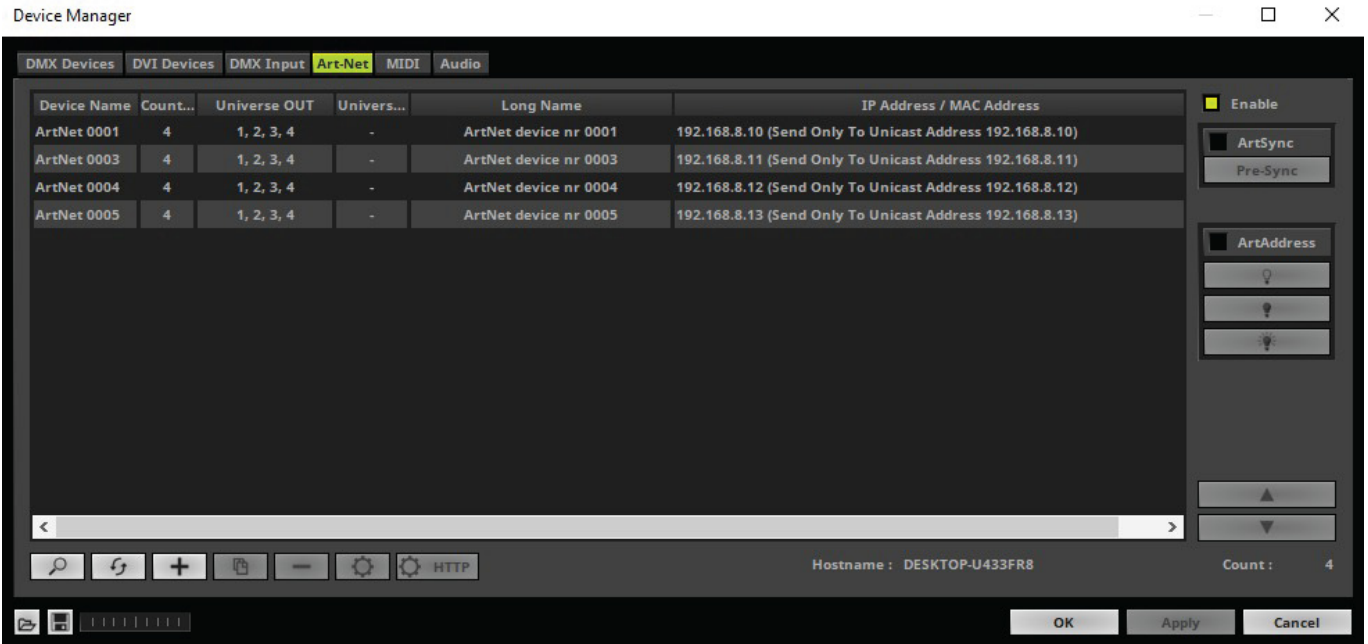
SETUP / MADRIX SETTINGS

- Go to 'Preferences...'->'Device Manager...' -> tab 'DMX Devices to configure the output. Activate 'Enable' for each required output port in the section 'Settings'.

▶ SETUP / MADRIX SETTINGS

- Configure your virtual LED matrix using "Preferences..." -> "Matrix Generator..." or "Patch Editor...".