

DMX NETBUS

DMX-UDP



Welcome to DMX-UDP DMX NETBUS, which input DMX512 or RS485 signals, convert to RS485 and UDP signals. DMX-UDP can control ethernet dmx controller, power module. It's an ideal product for lighting projects, exhibition halls, museums, hotels, shopping malls and other lighting projects.

DMX-UDP, built-in protocol, It can control all ethernet DMX Controller (SLESA, DINA, STICK, SUNLITE, DASLIGHT) from Nicolaudie Group. You can choose 1 DMX controller as the master control and the others as slave controllers. With the ethernet switch, you can control hundreds of controllers Synchronization.

1. Specification

Model	DMX-UDP
Input Voltage	5V DC
Ethernet Port	RJ45, 10/100Mbps
Default IP Add.	192.168.1.85
UDP order	Specify IP, Broadcast
DMX Port	Screw Socket
DMX Add.	511 (Modifiable)
Temperature	-10~60°C
Dimension	145*90*40mm
Installation	Screw, DIN Rail

2. Model List

Model	Ethernet DMX Controller
DMX-UDP-42	SLESA-U11 / SUNLITE-EC / CQ-CE42 / CQ-CM42 / CQ-CE41 / CQ-CM41S
DMX-UDP-62	DINA-DR1 / DINA-DR1-LITE
DMX-UDP-31	DINA-DR2 / DINA-DR2-LITE / CQ-CE31

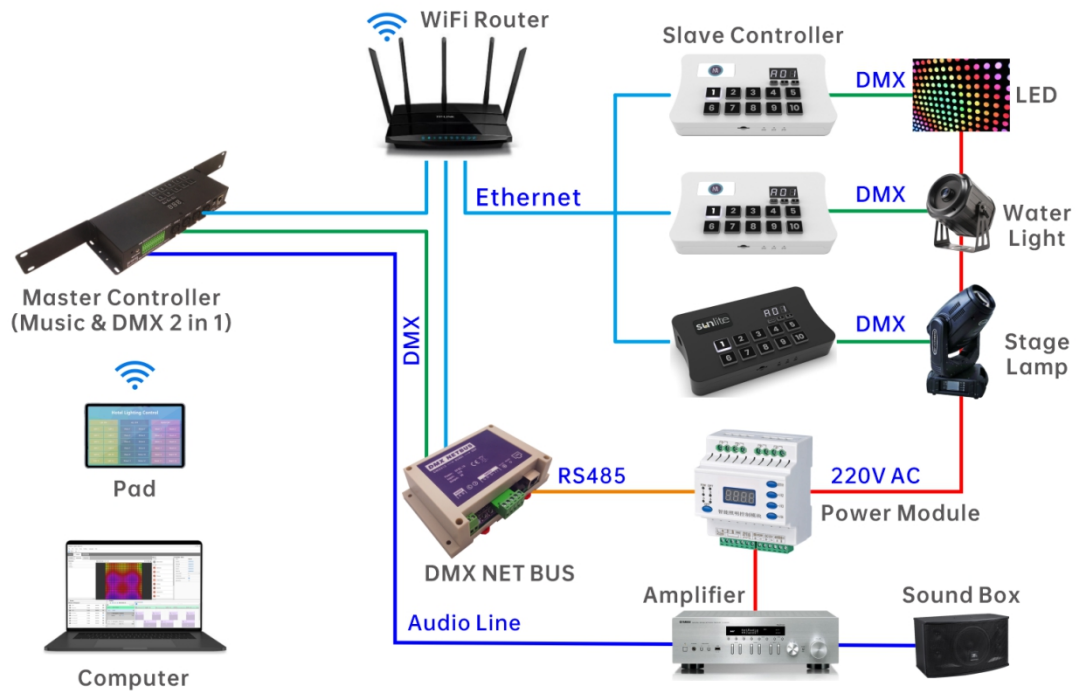
3. Features

- Input DMX, Output UDP
- Input DMX, Output RS485
- Input short RS485, Output long UDP
- Support all ethernet DMX Controller from Nicolaudie, Sunlite, Daslight
- 1 Master, hundreds slave controller
- 1 DMX channel, control 30 scenes
- Multiple devices cascade to control more devices
- Network offline , work in stand alone
- Network recovery, automatic synchronous

4. Wire Diagram

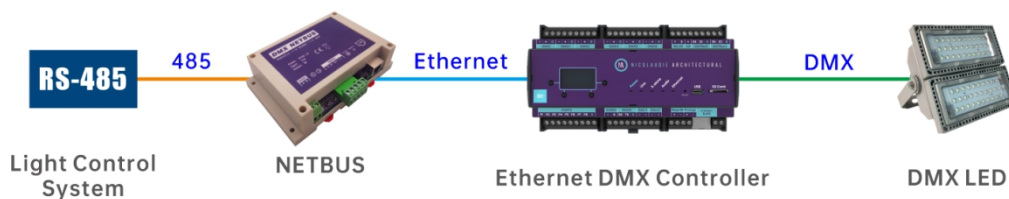
(1) Master-Slave Synchronization Control

You can choose 1 DMX controller as the master control and the others as slave controllers. With the ethernet switch, you can control hundreds of controllers simultaneously.



(2) RS485 Instruction Conversion

485 conversion control for connecting to other lighting control systems, with only 6 bytes of RS485 instructions, you can control the ethernet DMX console.

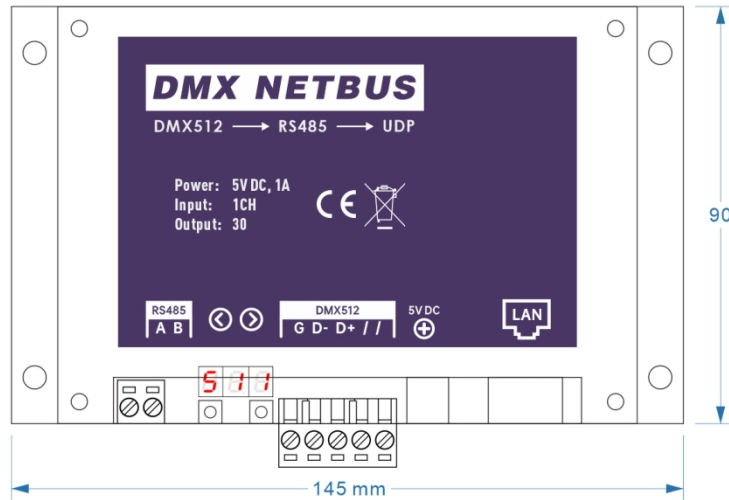


RS485 Parameters: 9600bds, 8 bits, no Parity, 1 Stop bit

Format: HEX. The last number is scene number: 01, 02, 03...

- ◆ **Scene 1:** 43 51 44 4d 58 01
- ◆ **Scene 2:** 43 51 44 4d 58 02
- ◆ **Scene 3:** 43 51 44 4d 58 03

5. Dimensions



6. DMX Channels

DMX-UDP used 1 DMX channel, you can [Click to Download](#) the SSL2 file.

Function	DMX	Function	DMX	Function	DMX	Function	DMX
No Fuc.	0-7	Scene 8	64-71	Scene 16	128-135	Scene 24	192-199
Scene 1	8-15	Scene 9	72-79	Scene 17	136-143	Scene 25	200-207
Scene 2	16-23	Scene 10	80-87	Scene 18	144-151	Scene 26	208-215
Scene 3	24~31	Scene 11	88-95	Scene 19	152-159	Scene 27	216-223
Scene 4	32-39	Scene 12	96-103	Scene 20	160-167	Scene 28	224-231
Scene 5	40-47	Scene 13	104-113	Scene 21	168-175	Scene 29	232-239
Scene 6	48-55	Scene 14	114-119	Scene 22	176-183	Scene 30	240-247
Scene 7	56-63	Scene 15	120-127	Scene 23	184-191	No Fuc.	248-255

7. FAQs

1. How many DMX controller can the DMX-UDP connect to?

The DMX-UDP supports broadcasting and sending UDP instructions, and through the ethernet switch, hundreds of ethernet consoles can be controlled.

2. Can I control other ethernet light controllers?

Yes, the DMX-UDP can customize the control protocol and be compatible with other system devices.