POWER OVER ETHERNET

Installation Guide

16Port Passive POE Panel

1.Features:

1. It can modify output power of each port depending on low or high loading. 10W is the Max output power at full loading.

2. There are two options for DC voltage: 24V or 48V. It supports one flexible facility.

3. Grounding function offers protection against EMI

2. Function

12 port (16 port) x RJ45 sockets are ranked by two horizontal columns. The upper is for "Data"⇨ 1/2 & 3/6 are transmitting data and 4/5 & 7/8 are not working. The under RJ45 socket is to deliver data and power: 1/2 & 3/6 transmitting data, 4/5(+) & 7/8 (-) for power. Passive PoE is composed of 12 (16) sets of RJ45 socket and one 48V DC power jack. Input power requests 120W or more AC-DC power converter. The input DC hole diameter is Φ2.5 and the other end OD is Φ5.5.

Each socket provides protection against short overflow (current protection 650mA +15% - 10%). The sum total output power must be lower than the MAX input power of AC-DC power converter. If not, it is necessary to consider taking higher AC-DC power converter. The recommended formula for AC-DC power converter is : 10W per RJ45 set (1set = 2 x RJ45 socket). For example, 12 x 10W = 120W for 12 port Passive PoE panel. 16 x 10W= 160W for 16 port passive PoE panel.

The configuration size of panel is : 1U (height), 19" (width) and 22mm (thickness), as is available to answer market demand and convenient to be installed directly.

3. Parameter

a. Input : 100-240V AC 50/60Hz

Output: 48V 120W (Min)

b. Data : 1/2&3/6

power : 4/5+ & 7/8- (48V)

c. Data In : Connects PC/HUB/Switch

d. Weight : 12port 0.68Kg/16port 0.7Kg

e. Dimensions : 482.6mmx44.3mmx21.8mm

f. Case of material: metal work material

g. Ethernet Cable

Data rate: 10/100Mbps

TIA/EIA 568 Cat. 5

Connector: RJ-45

h. Operating Temperature

0 ° C to 40 ° c

i. Storage Temperature

-40 ° C to 70 ° C

j. Operating Humidity

10% to 80% RH

k. Storage Humidity

5% to 90% RH

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4. Installation Schematic