UT-6408
8口百兆非网管型以太网交换机
说明书

UT-6408是8个端口的百兆非网管型以太网交换机，提供直流输入正反接保护防止烧坏仪器，UT-6408外观设计精巧，同时支持工业标准的卡扣式安装和墙式安装，所以它非常容易安装应用在任何工业网络上。

标准：
IEEE 802.3 10Base-T
IEEE 802.3u 100Base-TX
接口:
RJ45端口：8个10/100Base-TX端口，自动侦测，全/半双工MDI/MDI-X自适应
LED指示灯：
PWR电源灯，端口1～8的RJ-45指示灯
电源需求:
输入电压：12/24/48VDC(10.8~52.8VDC)
功耗：100mA@24Vmax
接口端子：1个可插拔的3针接线端子
过载保护：提供
反接保护：提供
交换性能
转发速率：148810pps
传输模式：存储转发
MAC地址空间：1K
缓存空间：448Kb
背板带宽：1.6G
机械特性:
外壳：IP40防护等级
安装方式：导轨式安装\墙式安装
尺寸（W x H x D）：150mm × 37mm × 100mm
工作环境:
工作温度：-40℃～75℃
储存温度：-40℃～85℃
相对湿度：0～95% (无凝露)
行业标准:
EMI：FCC Part 15 Subpart B classA，EN55022 class A
EMS:
IEC(EN)61000-4-2(ESD)
IEC(EN)61000-4-3(RS)
IEC(EN)61000-4-4(EFT)
IEC(EN)61000-4-5(Surge)
IEC(EN)61000-4-6(CS)
IEC(EN)61000-4-8
IEC 60068-2-27(Shock)
IEC 60068-2-32(Freefall)
IEC 60068-2-6(Vibration)

a. PWR：如图1所示接入直流12/24/48VDC(10.8~52.8VDC)电源，电源指示灯PWR亮，正常工作。
b. RJ-45灯：接入网线后，左边绿色灯接100 Base网路亮，接10 Base网路不亮；右边黄色指示灯是网路连接指示灯，接入网线正常工作后，黄色指示灯闪烁。不接网线，黄绿灯都不亮。

UT-6408以太网交换机支持直流12/24/48VDC(10.8~52.8VDC)输入，还有正反接保护防止烧坏仪器。
1. 在接线盒连接端V+和V-处接入正负极
2. 锁紧螺丝防止DC线松动导致接触不良。

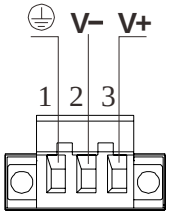
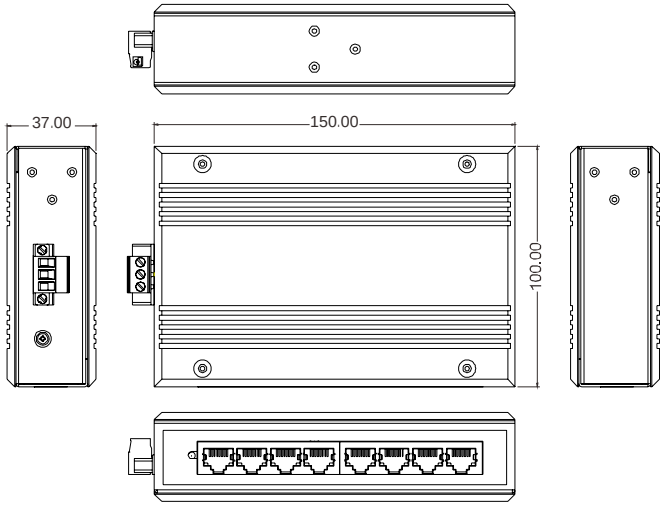
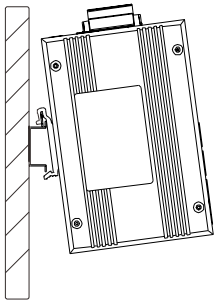


图1 电源输入接口

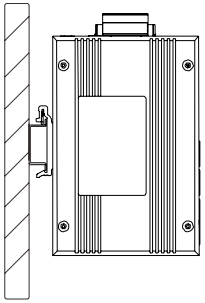


1、导轨安装

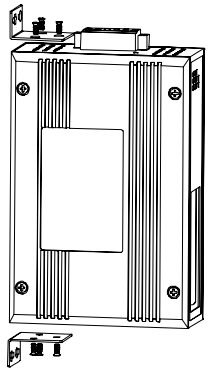
① 将交换机导轨座的上端扣入固定轨道。



②再轻轻扣入轨道



2、墙式安装



①使用随机附送的金属固定条按上图扭紧螺丝。
②再装上锁好金属条的机器悬挂于墙或机柜上。

UT-6408
8-Port 100M Unmanaged Ethernet switch
User Manual

Ⅰ. Overview

UT-6408 is a 8-port 100M Non-managed Ethernet switch with reverse polarity protection of DC input for avoiding being damaged. It has ingenious appearance design and supports industrial standard DIN-Rail and wall-mounted installation, so it's very easy to be installed and used in any industrial networks.

Ⅱ.Main Features

Standard:
IEEE 802.3 10Base-T
IEEE 802.3u 100Base-TX
Interface:
RJ45 port:8 10/100Base-TX ports, auto detection, full/half-duplex, auto MDI/MDI-X
LED indication:
PWR indicator and RJ-45 indicators for port 1-8
Power Supply:
Input Voltage: 12/24/48VDC(10.8~52.8VDC)
Power consumption: 100mA@24Vmax
One pluggable 3-pin terminal block
Overload protection: Yes
Polarity protection: Yes
Switching Performance:
Forwarding rate: 148810pps
Transmission mode: store-and-forward
MAC address size: 1K
Buffer size: 448Kb
Switching bandwidth : 1.6G
Mechanical Property:
Enclosure: IP40
Method of installation: DIN-Rail/wall-mounted
Dimension (W × H × D):150 mm × 37mm × 100mm
Working Environment:
Working temperature: -40℃~ 75℃
Storage temperature: -40℃~ 85℃
Relative humidity: 0% ~ 95% (no condensation)
Industry Standard:
EMI：FCC Part 15 Subpart B classA，EN55022 class A
EMS:
IEC(EN)61000-4-2(ESD)
IEC(EN)61000-4-3(RS)
IEC(EN)61000-4-4(EFT)
IEC(EN)61000-4-5(Surge)
IEC(EN)61000-4-6(CS)
IEC(EN)61000-4-8
IEC 60068-2-27(Shock)
IEC 60068-2-32(Freefall)
IEC 60068-2-6(Vibration)

Ⅲ. Indication Light

a. PWR: 12/24/48VDC(10.8~52.8VDC) power supply connected as shown in figure 1 and the power indication light PWR will light, the switch operates normally.
b. RJ-45：After network cable is connected the left green light will light for 100Base network and not light for 10Base network;
The right yellow indication light is network link indication light and it will light when the network cable is connected and switch operates normally. Both yellow and green lights will not light if the network cable is not connected.

Ⅳ. Power supply connection

UT-6408 Ethernet switch supports12/24/48VDC(10.8~52.8VDC) power supply inputs, and the DC model equips with reverse polarity protection for avoiding being damaged.

1. Connect the positive/negative polarity to V+ and V- terminals respectively.
2. Tighten the screws to avoid loose connection and bad contact.

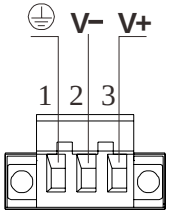
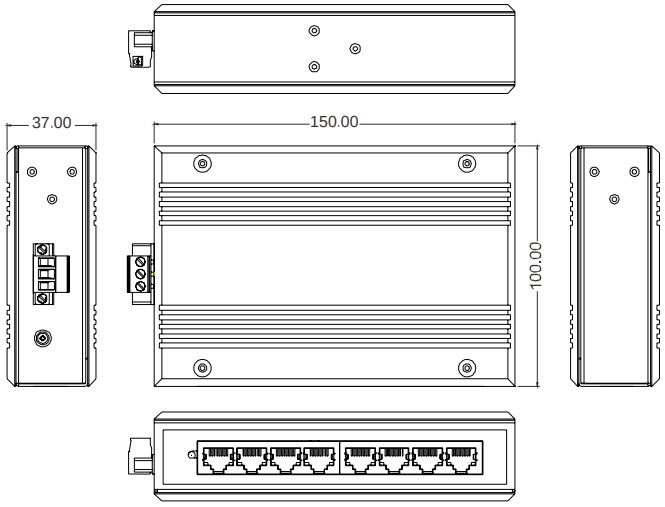


Figure 1 Power supply input terminal

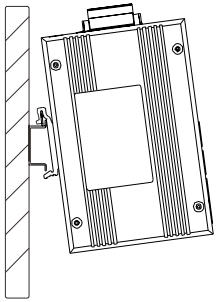
Ⅴ. Dimension



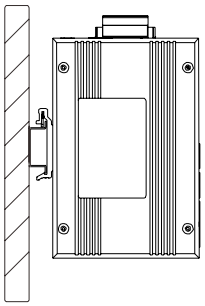
Ⅵ. Installation

1. DIN-Rail

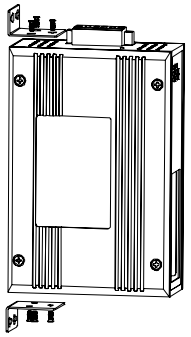
①Push the top of the device rail to fixed rail.



②Then push it into the rail slightly again



2. Wall-mounted



① Tighten the metal fixation strip with accompanied screws as shown in the above figure.
② Then hang the machine with locked metal strip onto wall or machine cabinet.