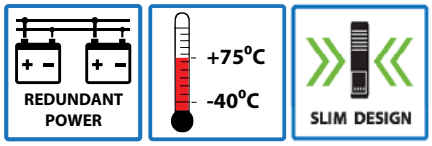
5-port unmanaged Ethernet switch with 5x10/100Base-TX

UNMANAGED ETHERNET SWITCH



FEATURES

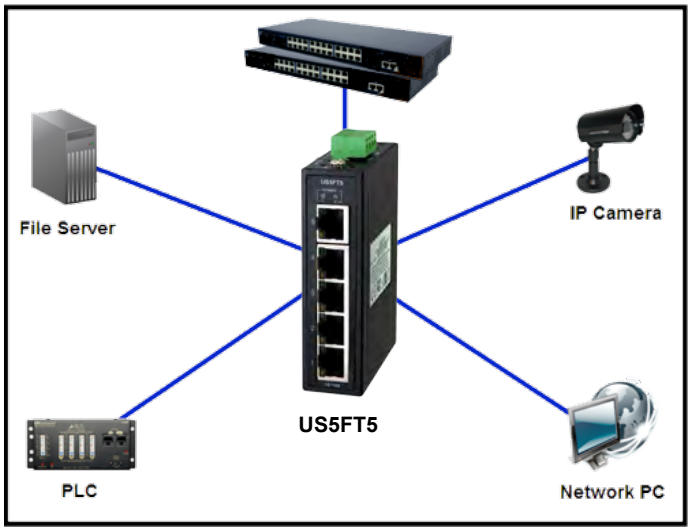
- Supports 5 ports 10/100 Base-TX
- Supports auto-negotiation and auto-MDI/MDI-X
- Supports store and forward transmission
- Supports flow control
- Compact size for easily installation
- Rugged IP-30 housing design
- DIN-Rail or wall mounting
- Redundant power supply capability for enhanced reliability

DESCRIPTION

The US5FT5 is an unmanaged Ethernet switch with 5x10/100 Base-TX ports. Its rugged IP-30 housing design and wide operating temperature range (-40 to +75°C) enables it to operate in even the extreme environments. The US5FT5 can be used to connect several Ethernet devices such as Ethernet I/O, IP-Cameras or other Ethernet switches. Its small size makes it convenient to mount in almost any location.

TYPICAL OPERATION

As shown in the diagram the US5FT5 can be used to connect several Ethernet devices such as Ethernet devices, IP Cameras and other Ethernet switches.



SPECIFICATIONS

Physical Ports	
10/100 Base-TX Ports in RJ45 Auto MDI/MDIX	**5**
Technology	
Ethernet Standards	IEEE 802.3 for 10Base-T
	IEEE 802.3u for 100Base-TX
	IEEE 802.3x for Flow control
MAC Table	2048 MAC address
Processing	Store-and-Forward
LED indicators	
Power Indicator	Green : Power LED x 2
10/100Base-TX RJ45 Port Indicator	Green for port Link/Act. Amber for Duplex/ Collision.
Power	
Input Power	Dual 12~48 VDC voltage power input on 4-pin terminal block
Power Consumption (Typ.)	3 Watts
Overload Current Protection	Yes
Reverse Polarity Protection	Yes

Physical Characteristic	
Enclosure	IP-30
Dimension (W x D x H)	26.1 (W) x 70 (D) x 95 (H)mm (1.03 x 2.76 x 3.74 inch)
Weight (g)	205 g (0.5 lb)
Environmental	
Storage Temperature	-40 to 85°C (-40 to 185°F)
Operating Temperature	-40 to 75°C (-40 to 168°F)
Operating Humidity	5% to 95% Non-condensing
Regulatory approvals	
EMI	FCC Part 15, CISPR (EN55022) class A
EMS	EN61000-4-2 (ESD), EN61000-4-3 (RS), EN61000-4-4 (EFT), EN61000-4-5 (Surge), EN61000-4-6 (CS), EN61000-4-8, EN61000-4-11
Shock	IEC60068-2-27
Free Fall	IEC60068-2-32
Vibration	IEC60068-2-6
Safety	EN60950-1

Ordering Information		
Products	**Part Number**	**Description**
	US5FT5	**5-port unmanaged Ethernet switch with 5x10/100Base-TX**
Recommended Power supplies	**PSH24DC24** **PSH48DC40**	**24VDC @ 1 Amp (24 Watts)** **48VDC @ 0.83 Amps (38.9 Watts)**

Packing List	
US5FT5	**1**
Wall-Mount Kit	**1**
Quick Installation Guide	**1**
Din-Rail Kit (attached)	**1**