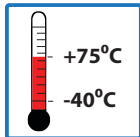
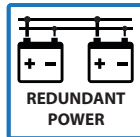


**HARDENED 5-PORT SLIM UNMANAGED GIGABIT ETHERNET SWITCH WITH 1 SFP PORT**

**UNMANAGED ETHERNET SWITCH**

**FEATURES**

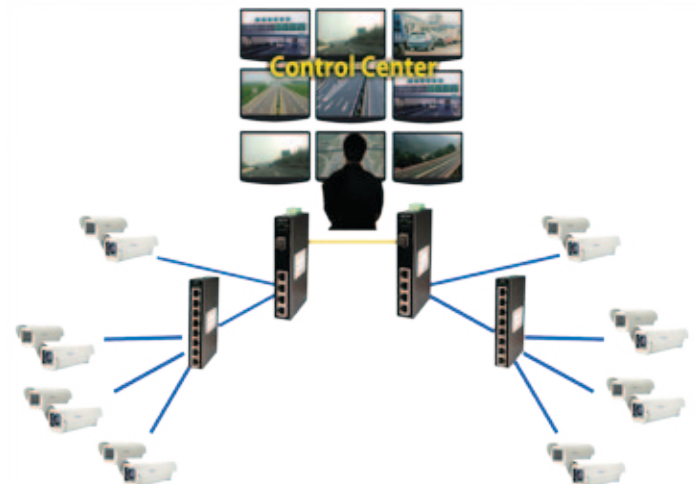
- Supports 4 x 10/100/1000Base-TX ports and 1 x 1000Base-X SFP port
- Supports one GigE optical SFP port
- Supports Jumbo Frame up to 10240 Bytes
- Redundant power inputs with terminal blocks
- Relay output to carry capacity of 1A at 24 VDC
- Hardware DIP-switch to enable/disable warning function
- Rugged IP-30 slim type housing design
- DIN-Rail and wall mounting enabled
- Wide operating temperature range (-40 to +75°C)

**DESCRIPTION**

Meridian's US5GT4GX1 is an unmanaged gigabit Ethernet switch with 4 x 10/100/1000Base-TX and 1 x 1000Base-X SFP ports. The US5GT4GX1 switch supports redundant input power and is housed in a rugged IP-30 housing. DIP switches are also provided for enabling the relay output alarm. The wide operating temperature range of -40 to 75°C can easily satisfy most of the most demanding environments.

**TYPICAL OPERATION**

US5GT4GX1 can be used in connecting several Ethernet devices such as Ethernet I/O, IP-Cameras or other Ethernet switches. This switch also offers redundant power inputs for increased system reliability.



## SPECIFICATIONS

Physical Ports	
10/100/1000 Base-TX Ports in RJ45 Auto MDI/MDIX	<b>4</b>
1000Base-X SFP Ports	<b>1</b>
Technology	
Ethernet Standards	IEEE 802.3 for 10Base-T, IEEE 802.3u for 100Base-TX IEEE 802.3z for 1000Base-X IEEE 802.3ab for 1000Base-TX IEEE 802.3x for Flow control
MAC Table	1024 MAC addresses
Processing	Store-and-Forward
Jumbo Frame	10240 Bytes
LED Indicators	
Power Indicator	Green : Power LED x 2
Fault Indicator	Amber : Indicate PWR1 or PWR2 failure
10/100/1000Base-Tx RJ45 Port Indicator	Green for port Link / Act Amber for 100Mbps indicator
1000Base-X SFP Port Indicator	Green for port Link/Act
Fault contact	
Relay	Relay output to carry capacity of 1A at 24VDC
Power	
Redundant Input Power	Dual DC inputs. 12~48VDC on 6-pin terminal block.
Power Consumption (Typ.)	5.5 Watts
Overload Current Protection	Yes
Reverse Polarity Protection	Yes

Physical Characteristic	
Enclosure	IP-30
Dimension (W x D x H)	26.1 (W) x 94.9 (D) x 144.3(H) mm (1.03 x 3.74 x 5.68 inch)
Weight (g)	403g (0.89 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
	<b>US5GT4GX1</b>	<b>Hardened 5-port slim unmanaged Gigabit Ethernet switch with 1 SFP port</b>
Power supplies	<b>PSH24DC24</b>	<b>24VDC @ 1 Amp ( 24 Watts)</b>
	<b>PSH24DC40</b>	<b>24VDC @ 1.7 Amps ( 40 Watts)</b>
	<b>PSH48DC240</b>	<b>48VDC @ 5 Amp Amps ( 240 Watts)</b>
	<b>PSH48DC480</b>	<b>48VDC @ 10 Amp Amps ( 480 Watts)</b>

## Packing List

<b>US5GT4GX1</b>	<b>1</b>
<b>Wall-Mount Kit</b>	<b>1</b>
<b>Quick Installation Guide</b>	<b>1</b>
<b>Din-Rail Kit (attached)</b>	<b>1</b>