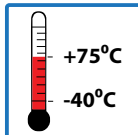
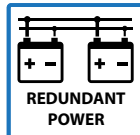


**HARDENED 5-PORT SLIM UNMANAGED GIGABIT ETHERNET SWITCH
WITH 1 SFP PORT**

UNMANAGED ETHERNET SWITCH
FEATURES

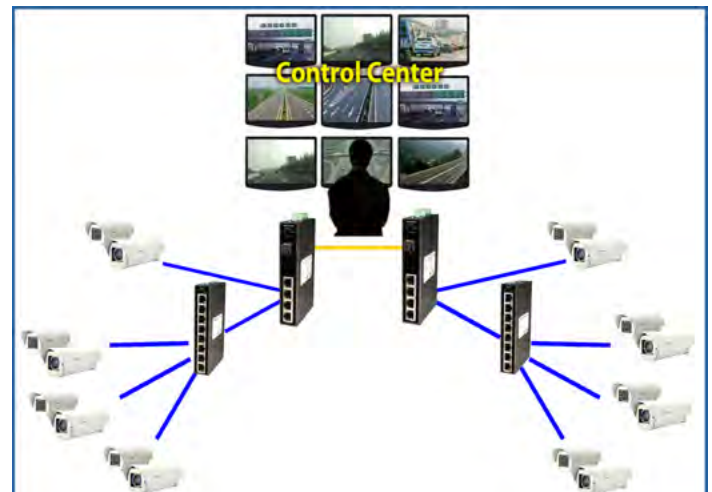
- Supports 4 x 10/100/1000Base-TX ports and 1 x 1000Base-X SFP port
- Supports one GigE optical SFP port
- Supports Jumbo Frame up to 10240 Bytes
- Redundant power inputs with terminal blocks
- Relay output to carry capacity of 1A at 24 VDC
- Hardware DIP-switch to enable/disable alarm function
- Rugged 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	4
1000Base-X SFP Ports	1

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	N.O. contact, 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
	US5GT4GX1	Hardened 5-port slim unmanaged Gigabit Ethernet switch with 1 SFP port
Recommended Power supplies	PSH24DC24 PSH48DC40	24VDC @ 1 Amp (24 Watts) 48VDC @ 0.83 Amps (38.9 Watts)

Packing List

US5GT4GX1	1
Wall-Mount Kit	1
Quick Installation Guide	1
Din-Rail Kit (attached)	1