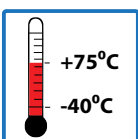
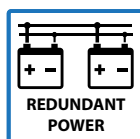


**HARDENED, 6-PORT SLIM UNMANAGED GIGABIT ETHERNET SWITCH WITH
 4 x 10/100/1000BASE-T(X) AND 2 x 100/1000BASE-X SFP PORTS**

UNMANAGED ETHERNET SWITCH

FEATURES

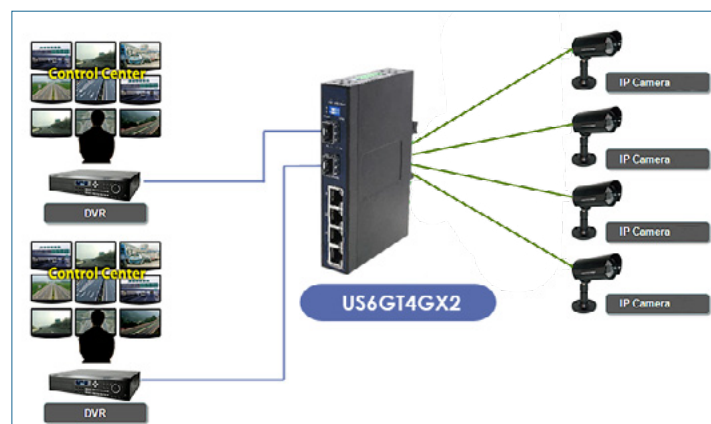
- Supports 4 x 10/100/1000Base-T(X) ports and 2 x 100/1000Base-X SFP ports
- Supports two 100Base-FX or 1000Base-X optical SFP ports
- Supports Jumbo Frame up to 9 Kbytes
- Supports auto-negotiation and auto-MDI/MDI-X
- Supports store and forward transmission
- Rugged IP-30 slim type housing design
- DIN-Rail and wall mounting enabled
- Wide operating temperature range (-40 to +75°C)

DESCRIPTION

Meridian's US6GT4GX2 is Unmanaged Ethernet Switch with 4 x 10/100/1000Base-T(X) and 2 x 100/1000Base-X SFP ports. The SFP port optical network speed can be set by the DIP-Switch. The US6GT4GX2 switch supports redundant input power and is housed 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 the most demanding environments.

TYPICAL OPERATION

US6GT4GX2 can be used to connect several Ethernet devices like IP-Camera or other peripherals. In addition, there are two redundant power inputs at terminal blocks to avoid interruption caused by a single power failure. When the primary DC power input fails, the backup power input will take over immediately to guarantee a non-stop operation.



SPECIFICATIONS

Physical Ports

10/100/1000Base-TX Ports in RJ45 Auto MDI/MDIX	4
100/1000Base-X SFP Ports	2

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	Up to 9 Kbytes

LED Indicators

Power Indicator	Green : Power LED x 2
Fault Indicator	Amber : Indicate PWR1 or PWR2 failure
10/100/1000Base-T(X) RJ45 Port indicator	Green for port Link / Act Amber for 100Mbps indicator
100/1000Base-X SFP Port Indicator	Green for port Link/Act

SFP Speed DIP-Switch

DIP-Switch 1/2	DIP-Switch 1 (ON) and DIP-Switch 2 (ON) : SFP speed setting to 100Mbps DIP-Switch 1 (OFF) and DIP-Switch 2 (OFF) : SFP speed setting to 1000Mbps
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Relay Output DIP-Switch

DIP-Switch 1	Power-1 failed warning : (ON) enable, (OFF) disable
DIP-Switch 2	Power-2 failed warning : (ON) enable, (OFF) disable

Fault Contact

Relay	Relay output to carry capacity of 1A at 24VDC
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Power

Redundant Input Power	Dual DC inputs. 12~48VDC on 6-pin terminal block
Power Consumption (Typ.)	6.4 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)	410g (0.93 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
	US6GT4GX2	Hardened 6-port slim Unmanaged Gigabit Ethernet Switch with 4 x 10/100/1000Base-T(X) and 2 x 1000Base-X SFP ports
Recommended Power supplies	PSH24DC24	24VDC @ 1 Amp (24 Watts)

Packing List

US6GT4GX2	1
Wall-Mount Kit	1
Quick Installation Guide	1
Din-Rail Kit (attached)	1