

# SG4P1TE

## 5 port Gigabit with 4 port PoE+ Range Extend Unmanaged Switch

The SG4P1TE is a 5 port Gigabit 10/100/1000Base-T Ethernet unmanaged switch supporting 4 high power 802.3af/802.3at PoE+ ports with a total PoE budget of 60W. Each PoE+ port can be controlled manually to support either 10/100/1000Mbps at the standard Ethernet distance of 100m or set to 10Mbps to support range extension to a maximum of 180m (range dependent on cable quality). The compact size of the SG4P1TE makes it ideal for users with limited space. It is an excellent solution for network devices that require high-power such as indoor and outdoor surveillance equipment and access points.



### Key Features and Benefits:

- Compliant with IEEE802.3 10BASE-T, IEEE802.3u 100BASE-TX, IEEE802.3ab 1000BASE-T, IEEE 802.3af, IEEE 802.3at
- Support Link-on cable length power saving and link-down power saving
- N-way auto-negotiation
- Alert system notification when PoE Power passes 50w and is close to the power budget
- Dip switch to place selected port into Extended range mode at 10mbps
- Fanless Design

### Specifications

Interface:	<ul style="list-style-type: none"> <li>• 5 x Gigabit Ethernet Ports (4-port x PoE+) Range Extend feature on PoE+ports</li> </ul>
Range Extend:	<ul style="list-style-type: none"> <li>• Max 180m (dependent on cable quality)</li> </ul>
MAC Address Table:	<ul style="list-style-type: none"> <li>• 2K</li> </ul>
Switching Fabric:	<ul style="list-style-type: none"> <li>• 10 Gbps</li> </ul>
Buffer memory:	<ul style="list-style-type: none"> <li>• 128KB</li> </ul>
Jumbo Frame:	<ul style="list-style-type: none"> <li>• 9K</li> </ul>
LED Display:	<ul style="list-style-type: none"> <li>• <b>Power : Green LED</b> <ul style="list-style-type: none"> <li>- Light off: power off</li> <li>- Light on: power on</li> </ul> </li> <li>• <b>PoE Alert : Green LED</b> <ul style="list-style-type: none"> <li>- Light off: within PoE Alert</li> <li>- Light on: over PoE Alert (50W)</li> </ul> </li> <li>• <b>PoE : Green LED</b> <ul style="list-style-type: none"> <li>- Light off: PoE/PoE+ function not active</li> <li>- Light on: feeding power at PoE/PoE+</li> </ul> </li> <li>• <b>Ethernet Port: Amber/Green LED</b> <ul style="list-style-type: none"> <li>- Amber(Solid): 10/100Mbps Link</li> <li>- Green(Solid): 1000Mbps Link</li> <li>- Blinking: Activity is occurring</li> </ul> </li> </ul>

Power Supply:	<ul style="list-style-type: none"> <li>• External Power 55V/1.3A</li> </ul>
PoE Power Budget:	<ul style="list-style-type: none"> <li>• 60W</li> </ul>
PoE Alert:	<ul style="list-style-type: none"> <li>• 50W</li> </ul>

### Environmental Parameters

Temperature Operating:	<ul style="list-style-type: none"> <li>• -40° ~ 70° C</li> </ul>
Storage:	<ul style="list-style-type: none"> <li>• 0° ~ 40° C</li> </ul>
Humidity:	<ul style="list-style-type: none"> <li>• 10% ~ 90% RH (non-condensing)</li> </ul>
Certifications:	<ul style="list-style-type: none"> <li>• LVD , CE/FCC compliance</li> </ul>
RoHS:	<ul style="list-style-type: none"> <li>• RoHS compliance</li> </ul>

### Dimensions & Weight

Length x Width x Height:	<ul style="list-style-type: none"> <li>• 121 x 75 x 26 mm</li> <li>• 4.76 x 2.95 x 1.02 inch</li> </ul>
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<b>Warranty:</b>	<ul style="list-style-type: none"> <li>• 3 Years</li> </ul>
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<b>Support:</b>	<ul style="list-style-type: none"> <li>• Free technical support (phone/email)</li> </ul>
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## Mechanical Drawing

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