CentreCOM® GS910 Series
Gigabit Ethernet Unmanaged Switches

The Allied Telesis GS910 Series offers unmanaged Gigabit switching solutions for the desktop, and small networks. The series has internal and external power supply versions, and also features network loop guard technology, which automatically detects any unexpected network loops, and prevents network devices from broadcast packet storms.

Overview
With minimal to no set-up, GS910 Series switches provide simple and seamless connectivity to existing network infrastructure.

High performance
The GS910 Series delivers the high speed and high performance demanded by today’s high-bandwidth applications, such as video, graphics and industrial design.

Quality and reliability
Allied Telesis is a world-wide leader in unmanaged Ethernet switches. Shipping more than 250,000 unmanaged switches every year, Allied Telesis offers proven reliability, and industry-recognized quality.

Loop detection
GS910 Series switches provide network loop detection by using Loop Detection Frame (LDF). LDF detects network loops, and shuts down ports where the loop is detected. After the loop is solved, the port that has shut down is automatically recovered.

Environmentally-friendly eco-switch
Allied Telesis GS910 Series eco-friendly switches conform with the Allied Telesis commitment to environmentally-friendly processes and products. They are designed to minimize power consumption through the use of a high-efficiency power supply and a low-power chipset. With low power consumption and a reduction in power outside regular work hours (overnight mode), as well as other power-saving features included as standard, the Allied Telesis GS910 Series truly lives up to its eco-friendly reputation. Not only does this help the planet by reducing the carbon footprint of each switch, it also lowers the Total Cost of Ownership (TCO) to the user, as the device costs less to run, and features improved reliability.

Key Features
- Power-saving features on each port including:
  - cable length detection and power minimization
  - link-down power savings
- Wirespeed performance
- Non-blocking architecture
- Auto-negotiation Gigabit ports
- Auto MDI/MDI-X on TX ports
- Full-duplex flow control
- Sturdy metal case
- Silent operation; fanless
- Operating temperature 0-50°C
- EAP/BPDU passthrough
Specifications

<table>
<thead>
<tr>
<th>PRODUCT</th>
<th>WIDTH</th>
<th>DEPTH</th>
<th>HEIGHT</th>
<th>OPERATING TEMPERATURE</th>
<th>WEIGHT</th>
<th>SWITCHING CAPACITY</th>
<th>THROUGHPUT</th>
<th>MAC ADDRESS</th>
<th>POWER CURRENT</th>
<th>MAX PWR CONSUMPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>GS910/5</td>
<td>160 mm (6.29 in)</td>
<td>105 mm (4.13 in)</td>
<td>35 mm (1.37 in)</td>
<td>0-50°C (32-122°F)</td>
<td>0.5 kg (1.10 lb)</td>
<td>10Gbps</td>
<td>7.4Mpps</td>
<td>Max 2K</td>
<td>0.1A</td>
<td>3.1W</td>
</tr>
<tr>
<td>GS910/5E</td>
<td>130 mm (5.11 in)</td>
<td>101 mm (3.97 in)</td>
<td>30 mm (1.18 in)</td>
<td>0-50°C (32-122°F)</td>
<td>0.72 kg (1.58 lb)</td>
<td>10Gbps</td>
<td>7.4Mpps</td>
<td>Max 2K</td>
<td>0.1A</td>
<td>3.6W</td>
</tr>
<tr>
<td>GS910/8</td>
<td>210 mm (8.26 in)</td>
<td>121 mm (4.76 in)</td>
<td>38 mm (1.49 in)</td>
<td>0-50°C (32-122°F)</td>
<td>0.78 kg (1.712 lb)</td>
<td>16Gbps</td>
<td>11.9Mpps</td>
<td>Max 4K</td>
<td>0.2A</td>
<td>4.5W</td>
</tr>
<tr>
<td>GS910/8E</td>
<td>210 mm (8.26 in)</td>
<td>121 mm (4.76 in)</td>
<td>38 mm (1.49 in)</td>
<td>0-50°C (32-122°F)</td>
<td>0.72 kg (1.58 lb)</td>
<td>16Gbps</td>
<td>11.9Mpps</td>
<td>Max 4K</td>
<td>0.2A</td>
<td>5.0W</td>
</tr>
<tr>
<td>GS910/16</td>
<td>283 mm (10.35 in)</td>
<td>179 mm (7.04 in)</td>
<td>38 mm (1.49 in)</td>
<td>0-50°C (32-122°F)</td>
<td>1.5 kg (3.30 lb)</td>
<td>32Gbps</td>
<td>23.8Mpps</td>
<td>Max 8K</td>
<td>0.3A</td>
<td>12W</td>
</tr>
<tr>
<td>GS910/24</td>
<td>341 mm (13.42 in)</td>
<td>210 mm (8.26 in)</td>
<td>44 mm (1.73 in)</td>
<td>0-50°C (32-122°F)</td>
<td>2.1 kg (4.62 lb)</td>
<td>48Gbps</td>
<td>35.7Mpps</td>
<td>Max 8K</td>
<td>0.4A</td>
<td>17W</td>
</tr>
</tbody>
</table>

Performance
14,880pps for 10Mbps Ethernet
148,800pps for 100Mbps Ethernet
1,488,000pps for 1000Mbps Ethernet

Default aging time: 200-600 seconds
Packet Buffer
GS910/5, 5E, 8, 8E: 128Kbytes
GS910/16, 24: 524Kbytes
Jumbo Frames
GS910/5, 5E, 8, 8E: 9216bytes
GS910/16, 24: 10Kbytes
EAP passthrough: Yes
BPDU passthrough: Yes
Half/full-duplex Auto-negotiation
MDI/MDI-X

Interface connections
10/100/1000T RJ-45

Power supply requirements
Voltage: 100 - 240V AC
Frequency: 50 - 60Hz

Standards and compliance
IEEE 802.3 10BASE-T
IEEE 802.3u 100BASE-TX
IEEE 802.3ab 1000BASE-T
IEEE 802.3x Flow Control
IEEE 802.3az Energy-Efficient Ethernet

Electrical/mechanical approvals
EAC certification
ICES Class A
VCCI Class A
FCC Class A
CE
EN55022

Safety
UL60950-1, 2nd Edition
CSA C22.2 No.60950-1-07, 2nd Edition
EC60950-1(UL-EU, UL-CB)

Restrictions on Hazardous Substances (RoHS) compliance
EU RoHS compliant

Wall-mount or desktop
GS910/5, 5E, 8, 8E: No Bracket
GS910/16, 24: Bracket

Features
BPDU/EAP pass-through
Flow control
Loop guard
Jumbo Frame
Eco-friendly

Ordering Information
AT-GS910/5E 5-port 10/100/1000T unmanaged switch with external PSU (AC adaptor)
AT-GS910/5 5-port 10/100/1000T unmanaged switch with internal PSU
AT-GS910/8E 8-port 10/100/1000T unmanaged switch with external PSU (AC adaptor)
AT-GS910/8 8-port 10/100/1000T unmanaged switch with internal PSU
AT-GS910/16 16-port 10/100/1000T unmanaged switch with internal PSU
AT-GS910/24 24-port 10/100/1000T unmanaged switch with internal PSU

Accessories
AT-RKMT-J08 Rack mount kit for GS910/8, and 8E
AT-BRKT-J23 Wall mount kit for GS910/5, 8, and 8E