

- Hub to Switch – A hub can be connected via a two-pair Category 3, 4, or 5 UTP/STP Straight-Through or Crossover cable. For 1000Mbps operation a Category 5 cable must be used. The connection is accomplished from any port of the hub to any port of the SG5.
- SG5 to Other Devices – The SG5 can be connected to another switch or other devices (routers, bridges, etc.) via a two-pair Category 3, 4, 5 UTP/STP Straight-Through or Crossover cable. A Category 5 cable must be used for 1000Mbps operation. The connection can be accomplished from any port on the SG5 to any of the 10Mbps, 100Mbps or 1000Mbps ports on another switch or other devices.
- Port Speed & Duplex Mode – After plugging the selected cable to a specific port, the system uses auto-negotiation to determine the transmission mode, auto-detecting the network speed for any new twisted-pair connection.

If the attached device does not support auto-negotiation or has auto-negotiation disabled, an auto-sensing process is initiated to select the speed and half-duplex mode is selected.



SG5 5 PORT GIGABIT ETHERNET SWITCH



Website: www.readynetsolutions.com
Customer Service: 855.671.7932

QUICK INSTALLATION GUIDE

The SG5 is very easy to set up; no network management is required. Just power it up and connect the cables. Keep in mind the length of an Ethernet cable from one device to another cannot exceed 100 meters.

Auto MDI/MDI-X Ports

All ports support automatic MDI/MDI-X crossover detection. The Auto MDI/MDI-X function makes it simple to connect to the switch – just plug either a Crossover or Straight-Through CAT5 cable into any port.

LED Indicators

LED	Panel signature	Status	Description
Power Indicator	Power	Green ON	Switch is powered ON
		OFF	Switch is powered OFF
Status Indicator	1, 2, 3, 4, and 5	Green ON	Link
		Green Blinking	Activity
		OFF	No link path

Cable Quality

For connections to the SG5, use these rules to determine which cable to use.

- For connections to 10BASE-T and 100BASE-TX devices use Category 5 or 5e UTP/STP cable.
- For connections to 1000BASE-T and 100BASE-TX devices use Category 5e or UTP/STP cable. All 1000BASE-T connections operate in full duplex mode.
- PC to Switch – A computer can be connected via a two-pair Category 3, 4, 5 UTP/STP Straight-Through or Crossover cable to any of the five ports. LED indicators for the PC connection depend on the capability of the computer’s Ethernet card. If the LED indicators are not lit after making a proper connection, check the computer’s Ethernet card, the cable, and the SG5’s conditions and connections.

Continued

FCC Information and Copyright

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates,

uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference

to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does

cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is

encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

15.19 Labelling requirements.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.