Electro Standards Laboratories
ADVANCED SYSTEMS DESIGN & SERVICES

MADE IN USA

GSA Schedule Contract GS-35F-0286V

SPECIFICATIONS
MODEL 6212
Cat. No. 306212

QuickSwitch® 6212 ST Duplex Fiber Optic 10 Position Switch with Remote Ethernet Port and GUI

INTRODUCTION

The ***QuickSwitch***® 6212 ST Duplex 10-position Fiber Optic Switch with Remote Ethernet Port allows the user to switch one Common ST Duplex port to any one of ten ST Duplex ports. The system affords local and remote access functionality. The Remote Ethernet Port allows for both Telnet and GUI remote control. User's can locally or remotely monitor status and control switch functions.

FEATURES:

- One ST duplex fiber optic port is able to access any one of ten ST duplex ports.
- All fiber optic signals passed through the switch are maintained in fiber optic light transmission media.
- MEMS-based mirror/prism switch technology supports Gigabit data rates.
- All ports are ST Duplex, Multimode, 62.5/125 Micron,1300nm.
- Control of the switch position from a 10/100-Base-T LAN Ethernet environment or the front panel pushbuttons.
- Remote Telnet command interface or Graphical User Interface that allow the user to control switch position and obtain switch status.
- Front panel LED's display the current switch position and power status.
- Remote commands to lock front panel pushbutton control.
- The switch is latching and will maintain its position and continue to pass data in the event of a power failure.
- IP Addressable.
- **Municipalities, schools, government: This product is on GSA Schedule!**

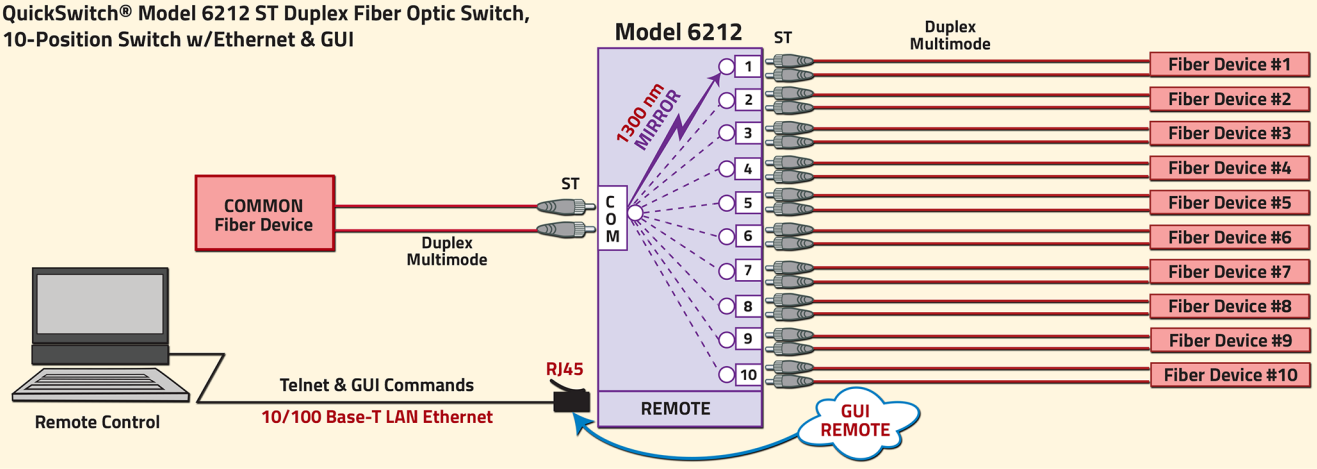
SPECIFICATIONS:

FIBER SIZE: 62.5/125 Micron, 1300nm.
PORT CONNECTORS: (11) Fiber Optic ST duplex connectors labeled 1 thru 10 and COMMON.
REMOTE CONTROL: (1) RJ45 (F) connector accepts 10/100 Base-T LAN Ethernet, Telnet and Graphical User Interface commands.
CONTROLS: (10) Front panel pushbuttons allow selection of switch position.
DISPLAY: (10) Red LED's indicate switch position and power presence.
POWER: UL approved 100VAC-240VAC, 50Hz-60Hz wall mount power module supplies 12 VDC, 500 mA to the unit. Has 2-prong, US, non-polarized plug.
DIMENSIONS: Desktop Configuration: 16.49" W x 8" D x 3.5" H. (41.9 x 20.3 x 8.9 cm)
WEIGHT: Approximately 6.0 lbs. (2.72 kg)

OPTION: WIDE RANGE POWER MODULE

(Cat No 517277) **CE, RoHS, and UL** listed table mount power module, 100VAC-240VAC, 50Hz-60Hz in place of standard power module. Has IEC 60320 C14 inlet. **Ideal for international applications.**

QuickSwitch® Model 6212 ST Duplex Fiber Optic Switch, 10-Position Switch w/Ethernet & GUI



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UTILIZING THE USER-FRIENDLY REMOTE GRAPHICAL USER INTERFACE SOFTWARE

To connect to the switch from a workstation or computer having access to the LAN that the Model 6212 LAN port is connected to, simply launch a standard web browser and type in the appropriate IP address. The Java Applet will be automatically uploaded from the switch upon connection. The environment requirement for the GUI is Java 1.7 and above.

10/100BASE-T LAN SETUP

Network Setup

The switch is configured from the factory to use DHCP to automatically get its IP address from a DHCP server on the local area network when connected to the network and powered up. Therefore, a DHCP server is needed on the local area network for the initial configuration. After that, the switch can be configured to use a static IP address. To find the IP address of a switch that it has gotten from the DHCP server, or to reconfigure the IP Address of the switch, use the Lantronix® DeviceInstaller application.

Getting DeviceInstaller

DeviceInstaller requires Microsoft's .NET Framework version 4.0 or higher. If the .NET Framework is not already installed, it must first be installed. The .NET Framework can be downloaded from Microsoft's website, either as a web install, or as a standalone installation. The latest version of DeviceInstaller can be downloaded from Lantronix's website.

SOFTWARE FEATURES:

- Access User Interface via standard web browser.
- Login password authentication required.
- **Easy to use, simple point and click GUI operation.**
- Remotely access to control or monitor the QuickSwitch® 6212 10 Position Fiber Optic Switch System.
- Users can change the switch's IP address.
- Lockout front panel manual access.
- LAN access gives users across the LAN or over the Internet access to control if user network is configured accordingly.

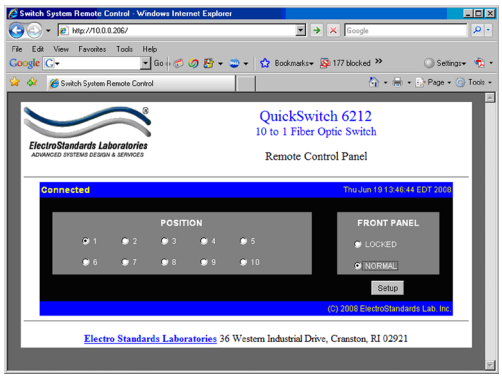
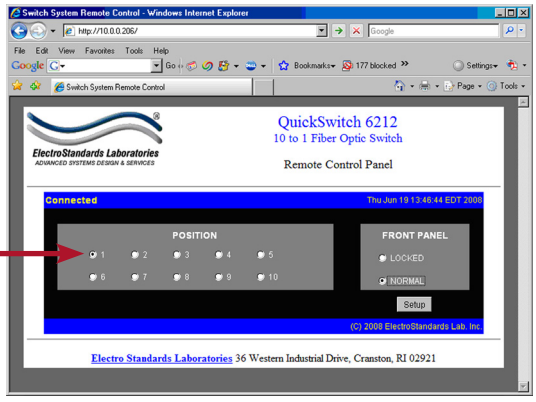


Figure 1: GUI in a Standard Web Browser

CHANGING SWITCH POSITION

To change the switch position, select any one of ten radio buttons by clicking on the radio button for a new position as desired. Radio buttons are labeled 1 through 10. See Figure 2.

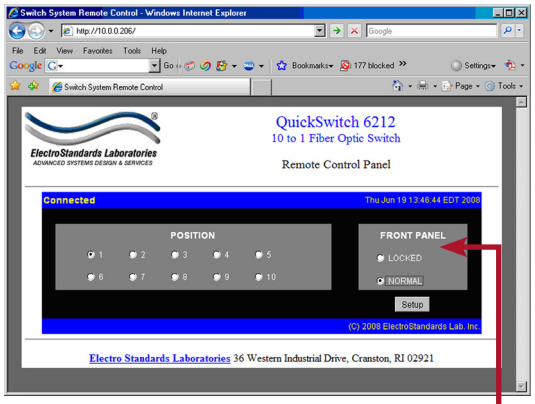


Switch position by selecting one of the 10 position radio buttons labeled 1 through 10.

Figure 2: Change the position from the GUI

CHANGING LOCK STATUS FROM THE GUI

Locking and unlocking the front panel pushbutton can be done by clicking on the "Locked" or "Normal" radio buttons. See Figure 3 .



Lock and unlock the front panel operation using the "LOCKED" or "NORMAL" radio button.

Figure 3: Control the front panel lock status from the GUI