GeoVision inc

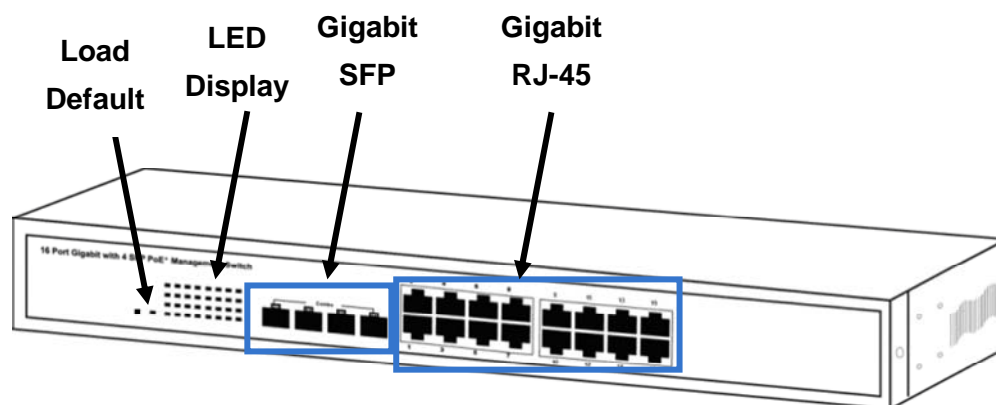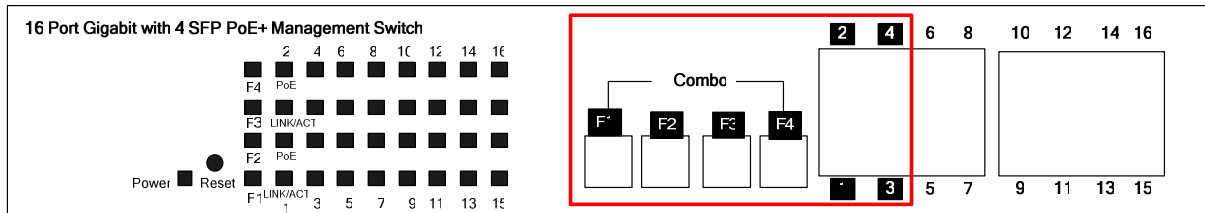## GV-POE1611 16-Port Gigabit 802.3at Web Management

PoE Switch

Packing List

1. GV-POE1611 x 1
2. AC Power Cord x 1
3. Screw x 8
4. Rack Mount Kit x 1
5. Software CD x 1
6. GV-POE1611 Quick Start Guide x 1

Note: If any of these items is found missing or damaged, please contact your local supplier for replacement.
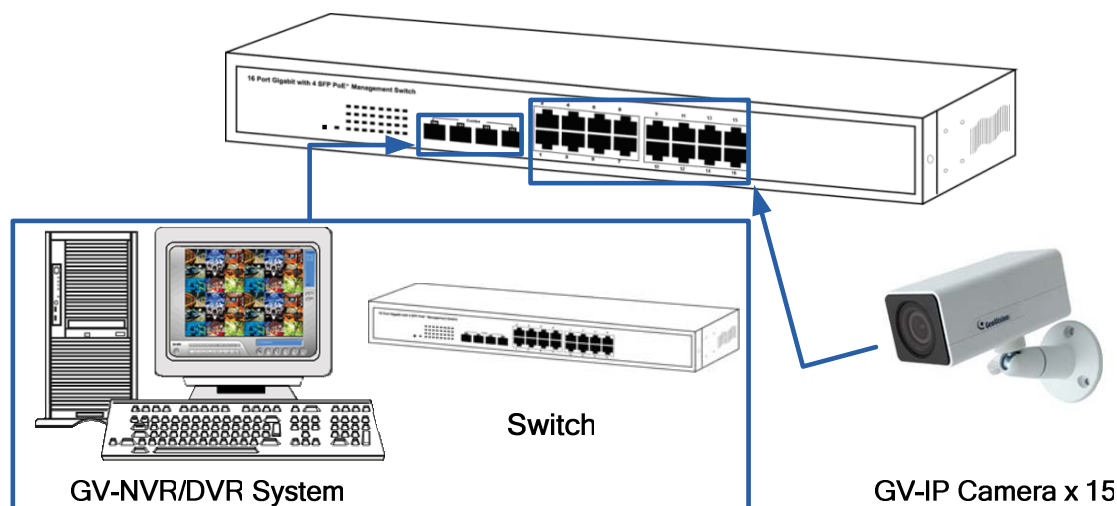
Front Panel

IMPORTANT: The 4 SFP ports labeled F1 ~ F4 are associated with the 4 RJ-45 ports labeled 1 ~ 4 respectively. When one of the two associated ports is used, the other port will not work. For example, if the Gigabit SFP port labeled F1 is used, the Gigabit RJ-45 port labeled 1 will not function.

LED Indicators on the switch

LED	Color/Status	Description	No. of LED
Power	Amber On	Power on	Power
	Off	Power off	
Link / ACT	Green On	Link Up	Port 1~16 (10/100 M/ 1000 M)
	Green Blinking	Data activating	
	Off	No connection	
PoE	Amber On	Port is linked to Power Device	
	Off	No Power Device is connected	
SFP	Green On	Link Up	Port F1~F4
	Green Blinking	Data activating	

Connecting up to 15 GV-IP Cameras and 1 GV-NVR/DVR System

Through twisted pair cables, this switch can be connected to up to 15 GV-IP Cameras and 1 GV-NVR/DVR System. You can also extend the connections by connecting to other switches.

Switch

GV-NVR/DVR System   GV-IP Camera x 15

Note: The maximum cable length for Gigabit RJ-45 is 100 meters. For connection that exceeds 100 meters, you can use the Gigabit SFP ports.

Accessing Web Interface

Users can log in the Web interface to manage and set up the switch. Follow the below steps to log in the Web interface.

Note: The device has a default IP \\192.168.0.250. The default Password to log in is **admin**.

1. To access the Web user interface, type the default IP \\192.168.0.250 into your Web browser.

2. On the User Log In page, type the default Password **admin** and click **Apply**. When you successfully log in, the message "Password Successfully Entered" appears.

3. To configure the GV-POE Switch, select desired functions from the left menu.

Loading Default Setting

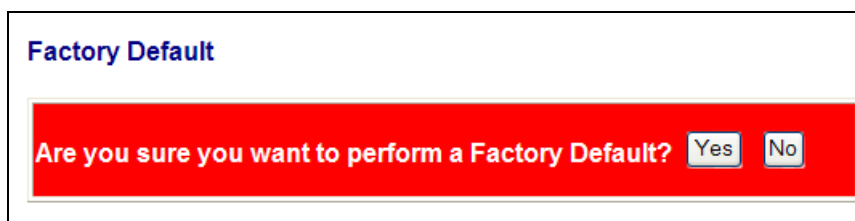You can load the default value with the **Reset** button or with the Web interface.

Hardware

1. Turn on the switch.

2. Press and hold the **Reset** button on the front panel of the switch for 5 seconds until all the LED start blinking.

3. Release the button. The switch is restored to its default settings.

Note: After restoring default settings, you will need to configure IP address and Password again.

Web Interface

1. On the Web interface, select **Factory Default**. This page appears.

2. Click **Yes** to restore the switch to the original configuration.

Note: Loading default from the Web interface will not change the user name, password and IP configuration. If you want to restore the default setting of IP address, user name and password, press the **Reset** button on the front panel of the switch.

Updating Firmware

1. On the Web interface, select **Software Upload**. This page appears.

2. Click **Browse** to select the latest firmware file (.bin) for update.

3. Click **Upload**. The uploading process is started.

4. After the firmware is successfully uploaded, click **Logout** from the left menu and re-login the switch.

Specifications

Ports	
Number of Ports	16 ports 16-port 10/100/1000BaseT(X) with RJ-45 Connectors, PoE+ 4-port SFP Combo Uplink Port
Performance	
MAC Address	8 K
Buffer Memory	4 M bits
Jumbo Frames	9.6 KB
Transmission Method	Store and Forward
Transmission Media	10/100BaseT(X) Cat. 5 UTP/STP 1000BaseT Cat. 5e, 6 UTP/STP
Filtering / Forwarding Rates	10 Mbps port - 14,880 pps 100 Mbps port - 148,800 pps 1000 Mbps port - 1,488,000 pps
Smart Features	
Port Based VLAN	16
Tag Based VLAN	16, VID 1~4094
IGMP Snooping	V1 & V2
Link Aggregation	up to 8 groups
Quality of Service (QoS)	up to 4 queues, 802.1p, DSCP
Security	IEEE 802.1X, Source IP Filter
Port Management	Port State, Speed/Duplex, Flow Control Configuration, Port Mirroring , Bandwidth Control, Broadcast Storm Control, PoE
Administrator Management	Web Management, Password Protection, Configuration, Backup / Restore, Firmware Upgrade
Mechanical Characteristics	
LED Indicators	Per Port: Link/Act PoE Act/Status Power

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Electrical Characteristics		
PoE Power	Input	100 ~ 240 V/AC, 50 ~ 60 Hz
	Output	IEEE 802.3at Compliant Voltage, Per Port Max. 30 watts (16 Ports at Full 15.4 W / 8 Ports at Full 30 W)
Max. Power		250 W
General		
Dimensions (H x W x D)		44 x 440 x 331 mm (1.73 x 17.3 x 13.03")
Weight		4.6 kg (10.14 lb)
Operating		0°C ~ 40°C (32°F ~ 104°F)
Storage Temperature		-20°C ~ 90°C (-4°F ~ 194°F)
Humidity		10 to 90% RH (non-condensing)
Standards and Regulatory		
Standards		IEEE 802.3 10BaseT IEEE 802.3u 100BaseTX IEEE 802.ab 1000BaseT IEEE 802.3z 1000BaseSX/LX IEEE 802.3x Full-duplex and Flow Control IEEE 802.3ad Link Aggregation Control Protocol IEEE 802.1Q VLAN IEEE 802.1p Class of Service IEEE 802.1D Spanning Tree Protocol IEEE 802.1w Rapid Spanning Tree Protocol IEEE 802.1X Port-based Network Access Control IEEE 802.3at Power Over Ethernet (PoE+)
Regulatory		CE, FCC Class A

Note: Specifications are subject to change without prior notice.