LevelOne GTL-2690 Routing Configuration

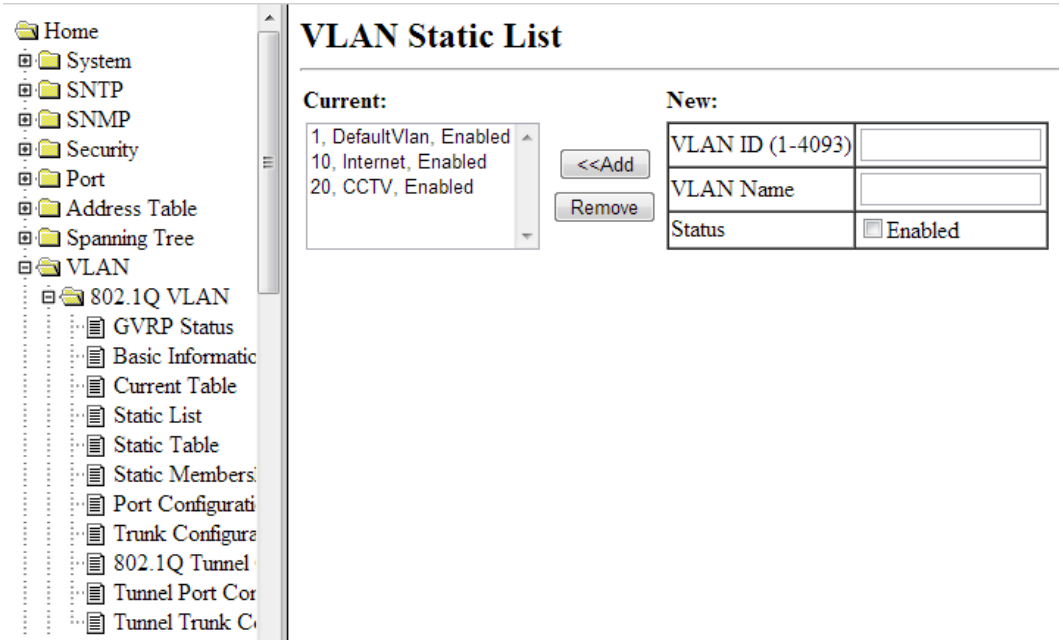
1. Create VLAN

a. Go to VLAN > 802.1Q VLAN > VLAN static List

b. Create VLAN 10 for Internet

c. Create VLAN 20 for CCTV

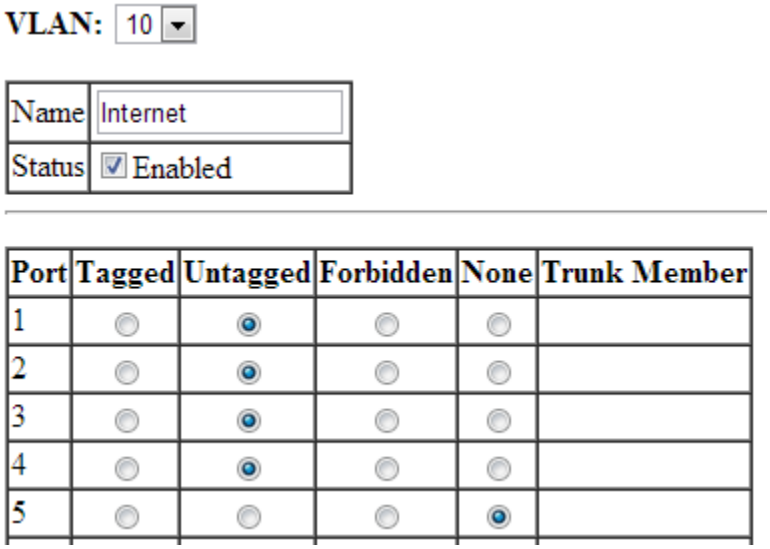
d. Click Apply



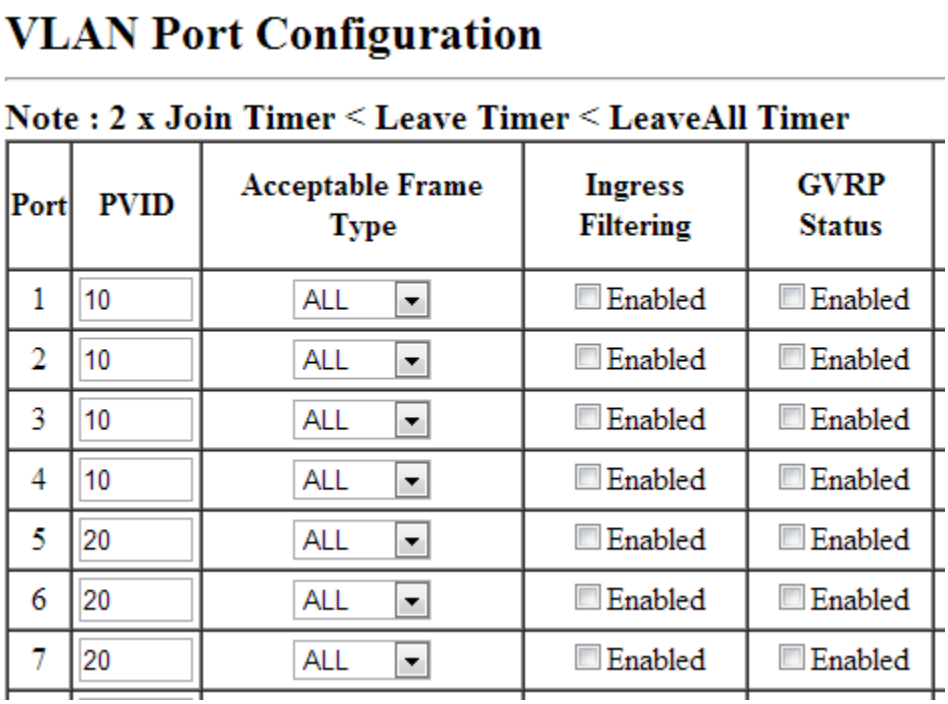
e. Go to VLAN > 802.1Q VLAN > Static Table

f. Assign port 1-4 to VLAN 10 > Click Apply

g. Assign port 5-96 to VLAN 20 > Click Apply



h. Go to VLAN > 802.1Q VLAN > Port Configuration
i. Assign PVID 10 to port 1-4
j. Assign PVID 20 to port 5-96
k. Click Apply



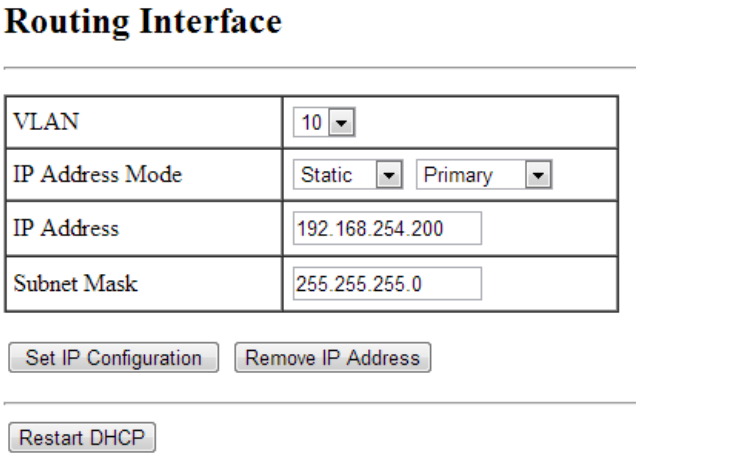
VLAN Port Configuration

Note : 2 x Join Timer < Leave Timer < LeaveAll Timer

Port	PVID	Acceptable Frame Type	Ingress Filtering	GVRP Status
1	10	ALL	Enabled	Enabled
2	10	ALL	Enabled	Enabled
3	10	ALL	Enabled	Enabled
4	10	ALL	Enabled	Enabled
5	20	ALL	Enabled	Enabled
6	20	ALL	Enabled	Enabled
7	20	ALL	Enabled	Enabled

2. Create Routing Interface

a. Go to IP > General > Global Setting
b. Enable IP Routing status > Click Apply
c. Go to IP > General > Routing Interface
d. Create Routing Interface on VLAN 10 > Click Set IP Configuration
e. Click Apply



Routing Interface

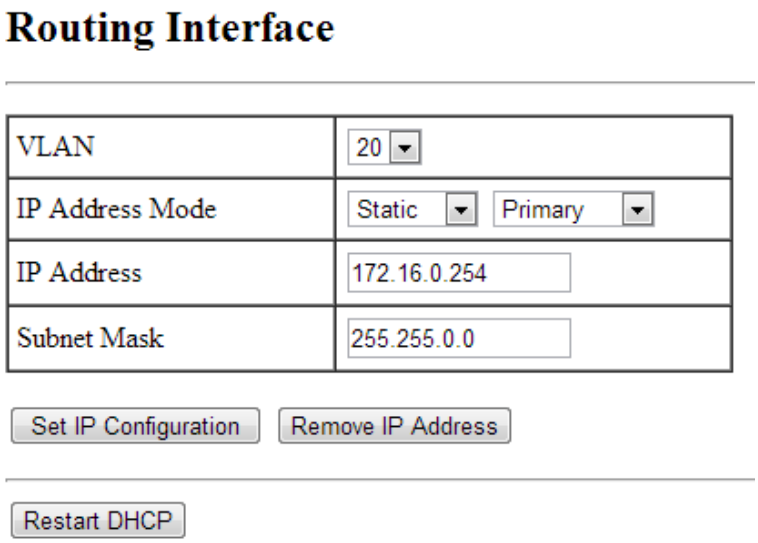
VLAN	10
IP Address Mode	Static Primary
IP Address	192.168.254.200
Subnet Mask	255.255.255.0

Set IP Configuration | Remove IP Address

Restart DHCP

f. Create Routing Interface on VLAN 20 > Click Set IP Configuration

g. Click Apply



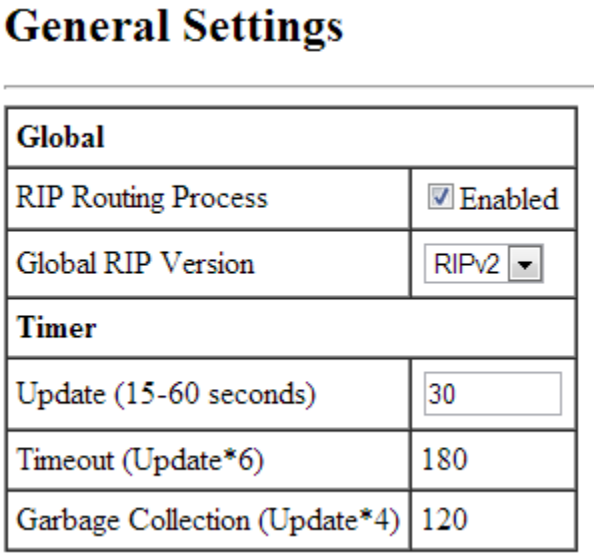
h. Please Note* Please assign gateway 172.16.0.254 to IP Camera and Recorder.

3. Enable Routing Protocal

a. Go to routing protocol > RIP > General Settings

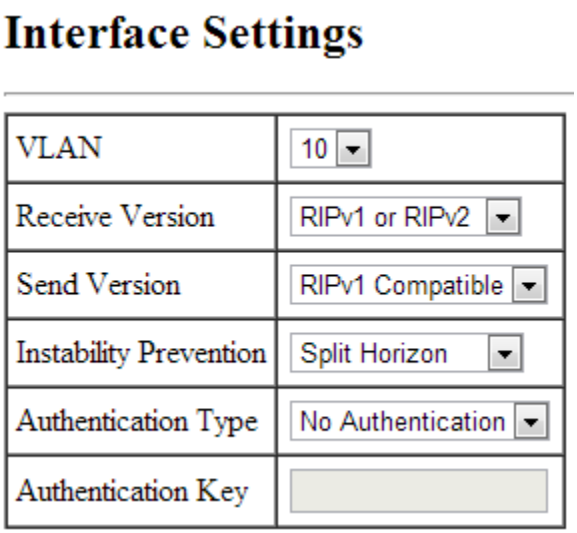
b. Enable RIP Routing Process

c. Choose Global RIP Version to RIPV2 > Click Apply

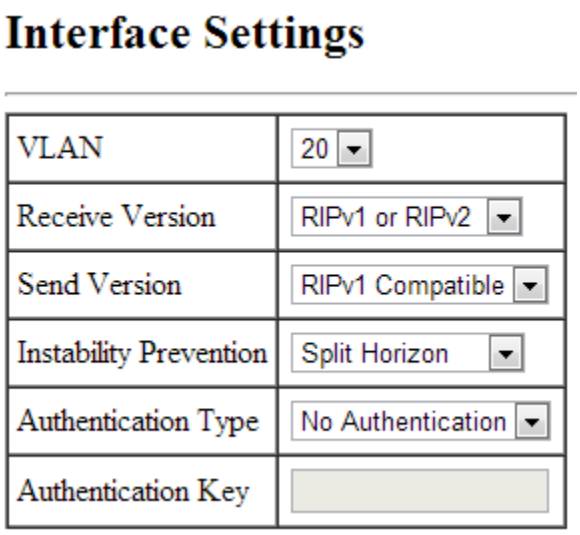


d. Go to routing protocol > RIP > Network Address
e. Add Subnet Address 172.16.0.0 > Click Add
f. Add Subnet Address 192.16.254.0 > Click Add
g. Click Apply

h. Go to routing protocol > RIP > Interface Settings
i. Setting VLAN 10 Interface > Click Apply



j. Setting VLAN 20 Interface > Click Apply



4. Enable RIPv2 Routing protocol on the router.