

Ring topology with 3onedata IES716-2GS-YD

Configuration setting

- 1) Take 4 IES716-2GS-YD Industrial Managed Ethernet Switch
- 2) Default IP address is given in User Manual (192.168.1.254)
- 3) Before connecting Switch to power supply please check Power Rating

Setup



BluBoxx Communication Pvt. Ltd.

An ISO 9001:2015 Certified Company

102/B, Surekha Apartment, Pune Satara Road, Pune- 411037. Maharashtra, India.

Email: techsupport@bbcpl.in Tel: +91 9175902180 Web: www.bbcpl.in



Configuration

Steps 1

PC and device should be in same IP Network. Change PC IP if needed.

Please Refer User Manual for IP address User name & Password

Default IP 192.168.1.254

User name-admin

Password –admin

Login to the device

Ring Topology

For Switch 1

Connect PC to switch 1 directly

Logging on the Switch 1

Industrial Ethernet Switch

System Info

Login Config

- IP Address
- User
- Protocol Authorization

Port Config

Layer 2 Config

Network Config

System Config

IP Address Config

Description: modify the IP mode and take effect after rebooting the device.

IP Mode: Static

IP Address: 192.168.1.254/24

Gateway: 192.168.1.1

DNS Mode: Static

DNS1: 8.8.8.8

DNS2: 0.0.0.0

Apply

Reboot Save

Logout

BluBoxx Communication Pvt. Ltd.

An ISO 9001:2015 Certified Company

102/B, Surekha Apartment, Pune Satara Road, Pune- 411037. Maharashtra, India.

Email: techsupport@bbcpl.in Tel: +91 9175902180 Web: www.bbcpl.in



Login once again with NEW IP Address.

Setting for Configuring Ring topology.

Layer-2 Config

Ring

Enable

Add

192.168.1.254/index.html#/layer2

192.168.1.253/login.html

192.168.1.252/login.html

192.168.1.251/login.html

+

Not secure 192.168.1.254/index.html#/layer2/ringConfig.html

Paused

Industrial Ethernet Switch

Logout

System Info

Login Config

Port Config

Layer-2 Config

VLAN

MAC

Spanning-tree

Ring

IGMP-Snooping

Port Loop Detection

Network Config

System Config

Ring Config

Reboot

Save

Enable ☐

Description: up to 2 pieces of data can be added

Add

Delete

	Ring Group	Ring ID	Ring Port1	Port1 Status	Ring Port2	Port2 Status	Ring Type	HelloTime (ms)	Master-slave	Heartbeat
--	------------	---------	------------	--------------	------------	--------------	-----------	----------------	--------------	-----------

30°C Smoke

ENG 5:18 PM

IN 12/26/2023

BluBoxx Communication Pvt. Ltd.

An ISO 9001:2015 Certified Company

102/B, Surekha Apartment, Pune Satara Road, Pune- 411037. Maharashtra, India.

Email: techsupport@bbcpl.in Tel: +91 9175902180 Web: www.bbcpl.in

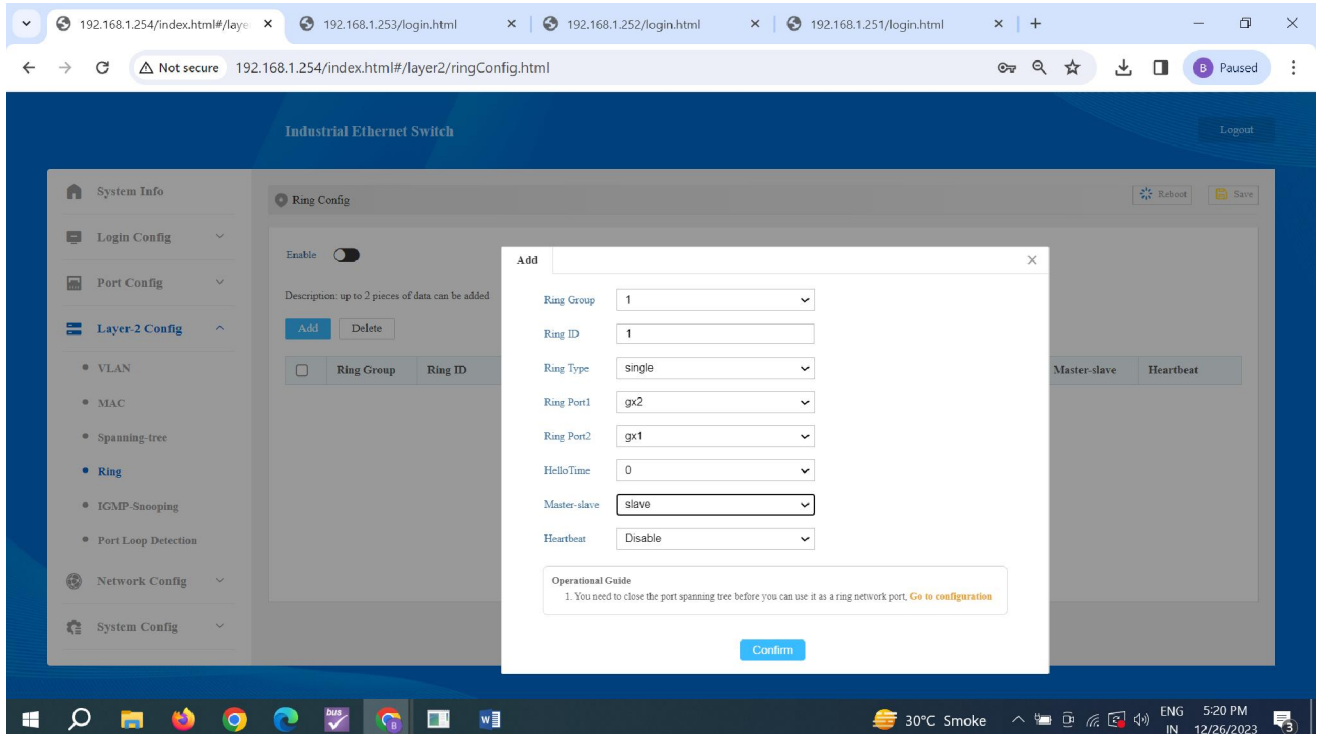
Add

Enter Details

Confirm

Select the Ports that you want Connect in Ring Topology.

Each device can be set to slave. there will be a device selected to be a master automatically. One port of master will be blocked in a ring topology.



BluBoxx Communication Pvt. Ltd.

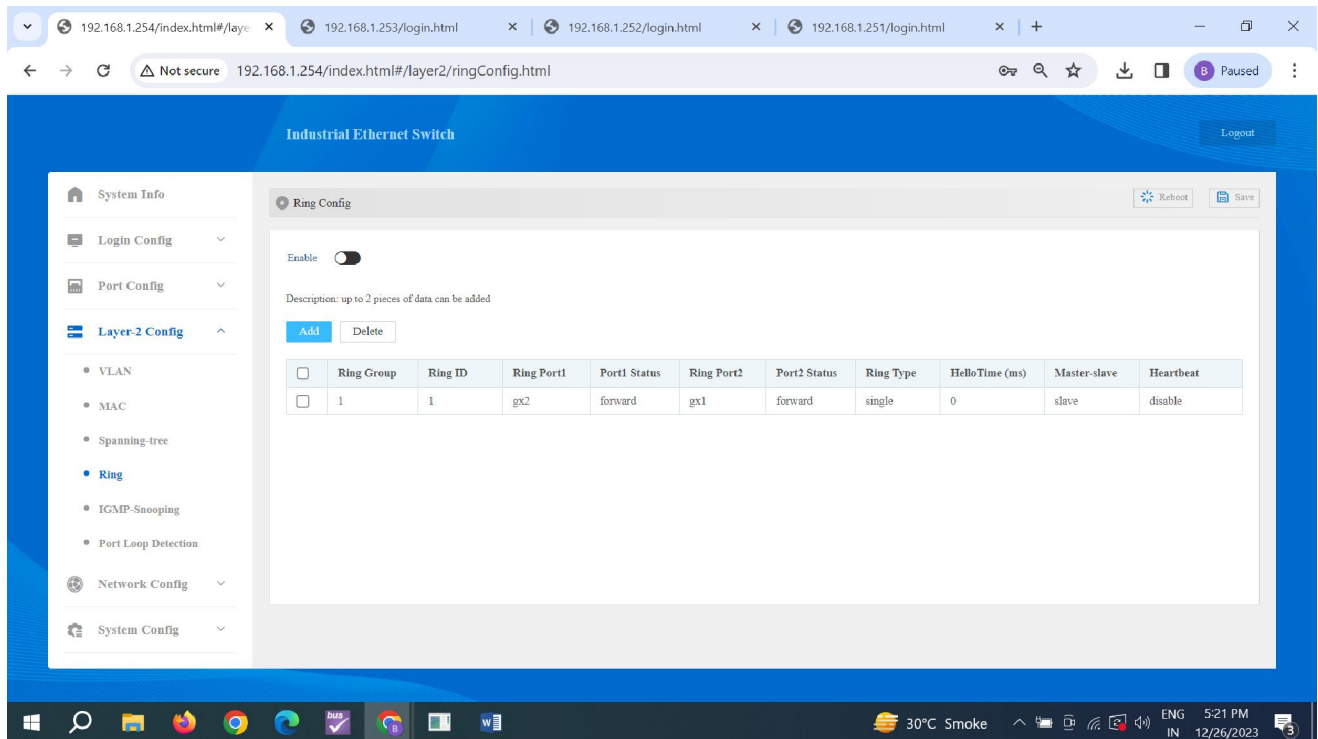
An ISO 9001:2015 Certified Company

102/B, Surekha Apartment, Pune Satara Road, Pune- 411037. Maharashtra, India.

Email: techsupport@bbcpl.in Tel: +91 9175902180 Web: www.bbcpl.in

Save

Reboot



Industrial Ethernet Switch

Ring Config

Enable ☐

Description: up to 2 pieces of data can be added

[Add](#) [Delete](#)

<input type="checkbox"/>	Ring Group	Ring ID	Ring Port1	Port1 Status	Ring Port2	Port2 Status	Ring Type	HelloTime (ms)	Master-slave	Heartbeat
<input type="checkbox"/>	1	1	gx2	forward	gx1	forward	single	0	slave	disable

Windows taskbar: 30°C Smoke, 5:21 PM, 12/26/2023

Repeat same process for remaining 3 Switches

BluBoxx Communication Pvt. Ltd.

An ISO 9001:2015 Certified Company

102/B, Surekha Apartment, Pune Satara Road, Pune- 411037. Maharashtra, India.

Email: techsupport@bbcpl.in Tel: +91 9175902180 Web: www.bbcpl.in

