

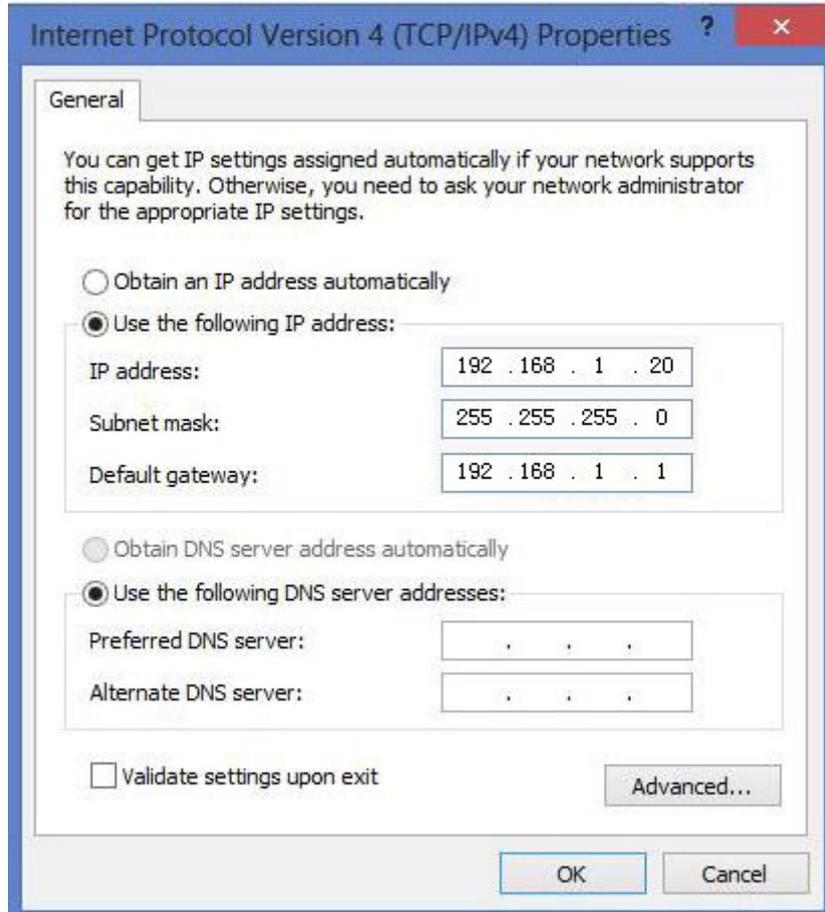
- Single controller to PC with single NIC

**STEP 1:**

Set the work mode to be ETHERNET on the panel. And then set the controller IP address between **192.168.001.100-192.168.001.149**

**STEP 2:**

Set the IP address in the PC. The IP address is between **192.168.001.2-192.168.001.049**. Reference to picture1-1



Picture1-1 PC IP configuration

- Single controller to PC with multi-NIC

**STEP 1:**

Set the first NIC IP. The same as the **Single controller to PC with single NIC** above.

**STEP 2:**

The second NIC may be connected to internet with router. So the router should be configured. First.

(1) Open IE and input the IP address 192.168.1.1(just for most NIC). And then enter the NIC configuration interface. Then input the password (default is Admin)

- Status
- Setup wizard
- LAN Setup
  - WAN Settings
  - LAN Settings
  - MAC Clone
- Wireless Setup
- + Wireless 2.4GHz
- + Wireless 5GHz
- + DHCP Server

**LAN Settings**

The basic LAN settings on this page

MAC address : A8-15-4D-B2-AE-AF

IP address :

Subnet mask :

Set the router IP address to be 192.168.2.1(make sure the IP to difference with other routers)

(2) Get the router DNS

- Status
- Setup wizard
- + LAN Setup
- Wireless Setup
- + Wireless 2.4GHz
- + Wireless 5GHz
- + DHCP Server
- + Routing rules
- + Security function
- + Parental control
- + Net control
- + Routing function
- + IP bandwidth control

**Versions**

Software: 3.13.23 Build 130319 Rel.53557n

Firmware: WDR3320 v2.00000000

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**WAN Status**

MAC address: A8-15-4D-B2-AE-B0

IP address: 183.14.140.230 PPPoE auto connect

Subnet mask: 255.255.255.255

Gateway: 183.14.140.230

DNS server: 202.96.134.33, 202.96.128.86

Time of net: 1 day(s) 20:29:36

Record the DNS server.

(3) Configure the second NIC IP address and DNS server. Seen as follows.

**Internet Protocol Version 4 (TCP/IPv4) Properties**

General

You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.

Obtain an IP address automatically

Use the following IP address:

IP address:

Subnet mask:

Default gateway:

Obtain DNS server address automatically

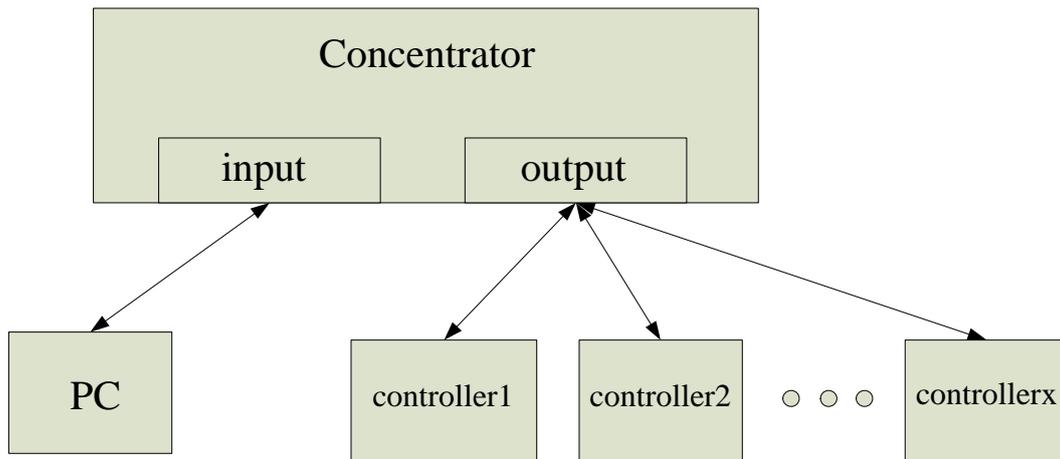
Use the following DNS server addresses:

Preferred DNS server:

Alternate DNS server:

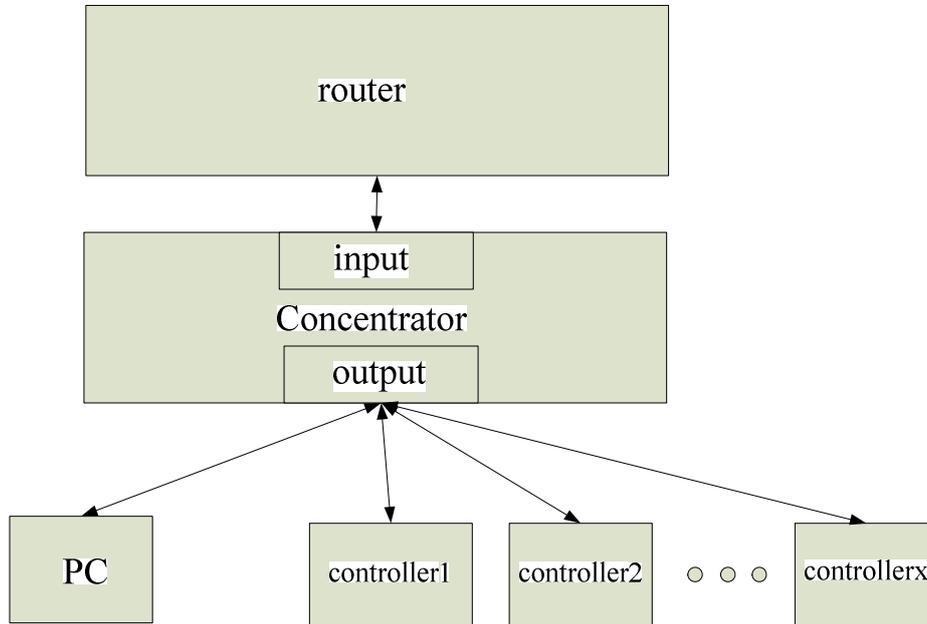
Validate settings upon exit

- PC and Multi-controller to concentrator.



- 1 PC connects the input of the concentrator. Multi-controller connects to the output of the concentrator.
- 2 Different IP address should be configured for every controller. But all of the IP address should be set between **192.168.001.100-192.168.001.149**
- 3 Then set the PC IP address between **192.168.001.2-192.168.001.049**.

- PC and Multi-controller to concentrator. And the concentrator connects to router.



- 1 PC and multi-controller connect to output on the concentrator.
- 2 Different IP address should be configured for every controller. But all of the IP address should be set between **192.168.001.100-192.168.001.149**
- 3 Configured step please reference to **Single controller to PC with multi-NIC**