



DG-WA1102NPLV2

DIGISOL 2.4GHZ OUTDOOR ACCESS POINT Quick Installation Guide

V1.1 2018-12-18

As our products undergo continuous development the specifications are subject to change without prior notice



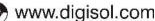
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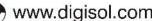
Detailed User Manual can be downloaded from here: http://www.digisol.com/wp-content/uploads/2018/09/DG-WA1102NPLV2_UM.pdf





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1 **Product Information**

Thank you for purchasing this Outdoor AP DG-WA1102NPLV2. This manual will instruct you how to configure and manage this AP, enable you to use it in a perfect status. After installing this AP, you will be able to enjoy surfing freely.

Please check the Package Contents before you use it:

DG-WA1102NPLV2

POE Adapter

Metal strap*1

Patch Cord

1.1 Hardware installation

1st: How to connect and power on the AP

Interface Description

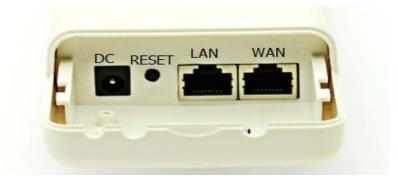


Fig. 1 Interfaces

Item	Description		
Reset	Press it for 10-15 seconds, the AP will restore to factory default.		
WAN	Connect with internet cable, in Wi-Fi Repeater, bridge, WISP operation mode, it change to		
	LAN port.		
LAN	Connect the AP with computer by LAN cable.		
DC	For Power supply, the DC's electronic standard is 12V/24V.		

- POE: This equipment can be powered over Ethernet, Connect AP's WAN/LAN Port with PoE adapter's POE port by LAN Cable (AP's LAN port and WAN port support the 12V/24V PoE.)
- Please refer Fig. 2 for PoE Power and AP configuration

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DG-WA1102NPLV2

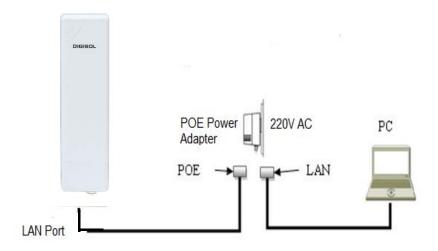


Fig. 2 Diagram of PoE Power and AP configuration



Please make sure our AP is working with included Power adapter or PoE adapter, and under right connection way, or the device will be damaged.

2nd: AP Start and Login

1) Power the AP as shown in Fig. 2

2) Set a fixed IP address for this computer: The default operation mode of this outdoor AP is Wireless AP, end users should set an IP address for the computer, then they can access the Outdoor AP by it's IP. Set the computer's IP address as 192.168.1.X (X is number between 1-252), make it same as AP's network segment, then set Subnet mask as 255.255.255.0, Default gateway leave it blank, and click OK.

A.: Please follow Fig. 3 and Fig. 4 for wired configuration.



Fig. 3 Configure the computer's IP address (by wired)



ieneral Advanced	General	
Connect using:	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:	
Pie and Printer Sharing for Microsoft Networks DoS Packet Scheduler Soft Protocol (TCP/IP)	IP address: 192.168.1.158 Subnet mask: 255.255.0 Default gateway: I	
Instal Uninstal Properties Description Transmission Control Protocol/Internet Protocol. The default wide area network protocol that provides communication across diverse interconnected networks. Show icon in notification area when connected	Obtain DNS server address automatically Otse the following DNS server addresses: Preferred DNS server: Alternate DNS server:	
Notify me when this connection has limited or no connectivity	Advanced	

Fig. 4 Configure the computer's IP (by wired)

B. Please follow Fig. 5 to configure the computer's IP address wirelessly.

Disable View Available Wireless Networks	Cie FE Fanily Control	Consecturing. 80211aLSB Wreten LAN Card H2		l szórmákoly i jes rebenk szpo el iz azt ysz nevek admictato
Status Repair Bridge Connections		The convection uses the following items M: VPAEG 5 Protocol (EEE 30214 v0.7.5) M: VPAEG 5 Protocol (EEE 30214 v0.7.5) M: VPAEG 5 Protocol (EEE) M: VPAEG 5 Protocol (EEE)	O Otianae Patters aus O United Surg Patter Patters Subre seak	
Create Shortcut Delate Rename	-	recal. Oriental Personalization Control Protocol for pre-side con- entropy diverse interconnected results. PStear contin notification area when connect	Defeed generative Contractions of the second second Outstite biology (245 second secon	
Proceities		Short con in none and a way way on the Rolly ne when this connection has inited o	Alter alle DNG tennet	Advance

Fig. 5 Configure the computer's IP Address wirelessly

If you want to connect our AP wirelessly after IP address configuration, please right click on Wireless networking Connection, then View Available Wireless Networks. The default SSID is DG-WA1102NPLV2. Click Refresh network list, double click the correct SSID and input the password, if you have, then connect. Please refer to **Fig. 6** and **Fig. 7**





LAN or High-Speed Internet



Fig. 6 AP Wireless Connection

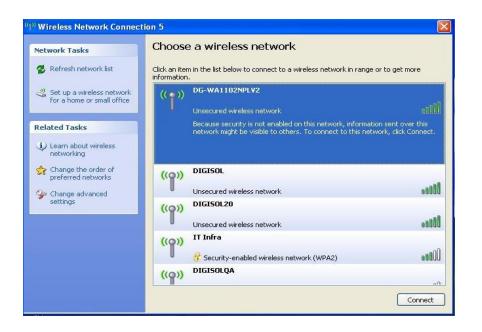


Fig. 7 AP Wireless Connection



If your computer has built in 802.11b/g/n wireless adapter, but can't search the available wireless networking after refreshing, please contact the computer supplier or after-sale department after going through the following points:

Right click My Network Places, select Properties, appear Local Area Connection or Other Connection, No Wireless Network Connection

There is Wireless Network Connection in My Network Places, Show General and Advanced after right click Wireless Network Connection and select Properties, but no Wireless Network



Log in the AP: Open your web browser, type in **192.168.1.200** in the address bar, enter **admin** in password field to login.

DIGISOL 150M Wireless Bridge	
	* Login Device Flease enter your password

Fig. 8 Login

3rd: WEB GUI interface:

After login, as shown in **Fig. 9** Home page will be displayed. This page, will show the outdoor AP's Default Operation Mode, AP's Flow (Up Stream/ Down Stream), Device Information, Device Description, Lan Information, WiFi Information and AP's Hardware/Firmware Version.

GISOL 150M Wireless Brid	dge			
Operation Mode AP Mode		i) bps	— AP Down Stream	— AP Up Stream
Wizard Wiki Wiki Network Uptime 01:29:08	(() (() () () () () () ()	11-48-30 11-48-45		n.49.15
Manage II Device Information CPU Usage 6% Memory Usage 43%	E Device Description	Bi LAN Information IP Mode Get IP From AC Lan IP 1921681200 Subnet 255255.255.0 AC Address 1921681253 MAC Address 00:177C-7EA4:3A		ion ON 0 DG-WA1102NPLV2 7 Open 0017.7C.7EA4.3C

Fig. 9 Home

For detailed User Manual visit our website:

http://www.digisol.com/active_networking/dg-wa1102nplv2-2-4ghz-outdoor-access-point/

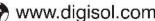




4th Share Internet and Obtain IP address automatically

Set computer's TPC/IP as Obtain an IP address automatically, Obtain DNS server address automatically as shown in following picture. The computer will obtain the IP address from router or base station to get Internet.

→本地连接 Status	上本地连接 Properties ? 🔀	Internet Protocol (TCP/IP) Properties 🛛 🛛 🔀
General Support	General Advanced	General Alternate Configuration
Connection Status: Duration:	Connect using: I Qualcomm Atheros AR8151 PCI-E Git Configure	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.
Speed:	This connection uses the following items:	Obtain an IP address automatically
		Use the following IP address:
Activity	Install Uninstall Properties	Obtain DNS server address automatically
Packets:	Transmission Control Protocol/Internet Protocol. The default wide area network protocol that provides communication across diverse interconnected networks.	Use the following DNS server addresses: Preferred DNS server:
Properties Disat	✓ Show icon in notification area when connected ✓ Notify me when this connection has limited or no connectivity	Alternate DNS server:
	OK Cancel	OK. Cancel





Troubleshooting: 2

The Failure phenomenon and solution

Failure phenomenon	Solution
SYS Indicator off	Please make sure the PoE module connection is right. POE
	Port connects with AP, LAN port connects with computer.
	Please check the IP address of computer and Wireless AP to
	see whether they are in same networking segment. The
	method is click "start"-"Run" input "cmd", ping 192.168.1.200
	to test the Wireless AP connectivity.
Can't reach Wireless AP through	Reset Wireless AP and load it again;
Web page	Please make sure the IP address 192.168.1.200 is not
web page	occupied by other devices in Wireless AP's networking;
	Check computer and cable problem, recommend to use
	10/100M UTP unshielded cable;
	Clean up Arp binding from "Start"-"Run" input"cmd" arp -d
	Clean the IE Brower's temporary files and Cache file.
	Try to scan the avaliable wireless networking again;
	Make sure the Wireless AP's wireless standard (11b/g/n,
Wireless AP can't connect with AP	2.4G) is correct;
(the status display	The Security and passwords are matched between Wireless
disconnected)	AP and AP;
	The signal strength of AP is too weak to connect, should be
	more than -75dBm.
	Scan it several times more;
	Make sure there are 5G signal existing.
Can't scan the wireless AP	Reset the Wireless AP, scan it again after Wireless AP
	restart.
The connection of Mirelass AD and	Please Check the computer's IP address and DNS setting. If
The connection of Wireless AP and	it is dynamic, set the network card as automatically obtain. If
AP is success, but the computer	it is static IP, please contact with ISP for correct IP address
can't share internet	and DNS address.
	Press the "Reset" button more than 15 seconds after power
How to Reset Wireless AP	on. The Wireless AP will restore factory default after the
	Wireless AP restart.
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This product comes with One Year warranty. For further details about warranty policy and Product Registration, please visit support section of www.digisol.com

