



DG-WA1102NPLV2

DIGISOL 2.4GHZ OUTDOOR ACCESS POINT User Manual

V1.1 2018-12-18

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



COPYRIGHT

Copyright 2019 by DIGISOL SYSTEMS LTD. All rights reserved. No part of this publication may be reproduced, transmitted, transcribed, stored in a retrieval system, or translated into any language or computer language, in any form or by any means, electronic, mechanical, magnetic, optical, chemical, manual or otherwise, without the prior written permission of this company. This company makes no representations or warranties, either expressed or implied, with respect to the contents hereof and specifically disclaims any warranties, merchantability or fitness for any particular purpose. Any software described in this manual is sold or licensed "as is". Should the programs prove defective following their purchase, the buyer (and not this company, its distributor, or its dealer) assumes the entire cost of all necessary servicing, repair, and any incidental or consequential damages resulting from any defect in the software. Further, this company reserves the right to revise this publication and to make changes from time to time in the contents thereof without obligation to notify any person of such revision or changes.

Trademarks:

DIGISOL™ is a trademark of DIGISOL SYSTEMS LTD. All other trademarks are the property of the respective manufacturers.

User Manual can be downloaded from www.digisol.com



INDEX

| 1 | PRODUCT INFORMATION | .4 |
|------------------------|--|----|
| 1.1 | HARDWARE INSTALLATION | 4 |
| $1^{s_{\mathrm{T}}}$: | HOW TO CONNECT AND POWER ON THE AP | 5 |
| 2 ND : | AP START AND LOG IN | 5 |
| 3 RD : | WEB GUI INTERFACE SETTING: | 8 |
| 4 TH : | SHARE INTERNET AND OBTAIN IP ADDRESS AUTOMATICALLY | 27 |
| 2 | TROUBLESHOOTING: | 28 |





Product Information 1

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

Hardware installation 1.1

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



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)



| | General | |
|--|--|--|
| eneral Advanced Connect using: Qualcomm Atheros AR8151 PCI-E Gig This connection uses the following items: Client for Microsoft Networks File and Printer Sharing for Microsoft Networks QoS Packet Scheduler Stratemet Protocol (TCP/IP) | General You can get IP settings assigned automatically if your network support this capability. Otherwise, you need to ask your network administrator f the appropriate IP settings. O Obtain an IP address automatically O Use the following IP address: IP address: IP address: ISUBNET mask: ISUBNET mask: IP address: ISUBNET mask: ISUBNET ma | |
| InstalL Uninstal Properties Description Transmission Control Protocol/Internet Protocol. The default wide area network protocol that provides communication across diverse interconnected networks. | Default gateway: | |
| Show icon in notification area when connected Notify me when this connection has limited or no connectivity OK Cancel | Advanced OK Cancel | |

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 | caoe unpuggeo, Fire Cle FE Fanily Contro | Connect using. 109: 80211a USB Wireless LAB Card #2 The committee uses for following lange | Youcar ge Prestriga aceige Rei scabily Chevele your Rei apagoise Pratica | d naterializă jen nebenic napro nedic ach yan nevezic administrata |
|---|---|--|--|---|
| Repair | | Historrectant and Performing term | C Otteinen Petiteinaux C Otteinen Petiteinaux Petitein | naisa) nt [10] 10[1-138] |
| Bridge Connections | | | Subre verk | \$11 28 28 C |
| Create Shortout Delete Rename | | People in Control Control People in Control Cont | C Strain Difference action © Steamer Saleway Difference Performations | raccontrollo ver addresses |
| Procerbes | | Show can in rate along as a where correct Thody me when this connection has invited o | Alternate DNG serves: | |

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.



Fig. 8 Login

3rd: WEB GUI interface Setting:

1) Home

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.

| DL 150M Wireless Brid | ge | | | |
|-------------------------|--------------------|------------------------|------------------|----------------|
| Operation Mode AP Mode | Flow (2G WiFi) | bps | — AP Down Stream | — AP Up Stream |
| | 100k | | | |
| Wizard | 90k — | | \square | |
| | 70k | | | |
| 1 | (((60k | | | |
| Wifi | 50k | | | |
| | 40k | | | |
| Vetwork Uptime 01:29:08 | 20k — | 11:48:30 11:48:45 | 11:49:00 | 11:49:15 |
| Manage | Device Description | B LAN Information | 留 WiFi Informa | tion |
| CPU Usage 6% | | IP Mode Get IP From AC | | ON 🚺 |
| - | Click Settings | Lan IP 192.168.1.200 | | DG-WA1102NPLV2 |
| Memory Usage 43% | | AC Address 1921681253 | Encorot | / Open |
| | | | | open |

Fig. 9 Status



In this Outdoor AP, the default operation mode is AP mode.

In Device Information you can find the CPU and Memory Usage of the AP as shown in Fig. 10



Fig. 10 Device Information

In Device Description you can add the APs description by clicking on Click Settings as shown Fig. 11



Fig. 11 Device Description

In LAN Information you can find the IP Mode, IP and MAC Address of the AP as shown in Fig. 12

| 🛱 LAN Information | | | |
|-------------------|-------------------|--|--|
| IP Mode | Get IP From AC | | |
| Lan IP | 192.168.1.200 | | |
| Subnet | 255.255.255.0 | | |
| AC Address | 192.168.1.253 | | |
| MAC Address | 00:17:7C:7E:A4:3A | | |

Fig. 12 Lan Information

In WiFi Information you can find the Status, SSID, Channel, Encryption and MAC Address of AP as

shown in Fig 13

| 😫 WiFi Informa | ition |
|----------------|-------------------|
| Status | ON 🧿 |
| SSID | DG-WA1102NPLV2 |
| Channel | |
| Encrypt | Open |
| MAC Address | 00:17:7C:7E:A4:3C |

Fig. 13 WiFi Information



In Flow (2G Wifi) bps you can find the AP's Upstream and Downstream as shown in Fig. 14



Fig. 14 Flow (2G Wifi) bps

2) Wizard Configuration:

Click on Wizard where you can choose among the five operation modes, explanation for each operation mode is provided for better application.

| DIGISOL | 150M Wireless Bridge | E→ | |
|------------------------|--|----|--|
| Home Wizard WiFi | Current Mode Cateway Mode Cateway Mode Repeater Mode WISP Mode Cateway Mode Catewa | | |
| Network Mariage | In this mode, the AP wireless interface and cable interface are bridging together. Without NAT, firewall and all network related functions. | | |

Fig. 15 Operation modes

I. Gateway Mode:

Click Gateway mode, the following pictures will pop up:

A helpdesk@digisol.com

Please choose the right WAN setting mode, then click next to continue.



| DIGISOL | 150M Wireless Bridge | Ð |
|---|----------------------|---|
| DIGISOL Home Wizard Wiri Wizard Wiri Network Network | 150M Wireless Bridge | |
| | | |

Fig 16. WAN setting in Gateway Mode

| DIGISOL | 150M Wireless Bridge | Ŀ |
|---|--|---|
| Home | Gateway Mode X | |
| Wizard Wili Wifi Wifi Network Manage | 20 WrFi Status Image: Status | |

In next step you can disable/enable WiFi status, set the SSID, channel, encryption and set the timing.

Fig. 17 Wireless Setting in Gateway Mode

When you click on Next the wizard for the Gateway mode is completed and the AP will reboot to apply the changes as shown below .



| DIGISOL | 150M Wireless Bridge | | E⇒ |
|--|----------------------|---------|----|
| Home Ucard Wir Wir Network Nanage | Cate | wy Made | |

Fig. 18 Complete the setting in Gateway Mode

When you return to Home, the page as shown below appears:



Fig. 19 Status in Gateway Mode

II. Wi-Fi Repeater mode

Click Wi-Fi Repeater operation mode in Wizard, then following page will pop up, click on scan and choose the right SSID to bridge, then click next to setup the SSID this AP will broadcast. Once the SSID is setup click on next to complete the wizard.



| DIGISOL | 150M Wireless Bridge | €÷ |
|--|----------------------|----|
| DIGISOĽ Hore Wizard Wir Wir Network | 150M Wireless Bridge | Đ |
| Manage | | |

| Wireless List | | |
|---------------|--|--|
| | PE_TEST Channel[1] MAC[44:D1:FA:25:CF:90] Signal[-29dBm] WPA/WPA2PSK_TKIPAES | |
| 1 | Staff_2.4G Channel[13] MAC[00:50:18:21:EF:6A] Signal[-51dBm] WPA2PSK_AES | |
| 1 | DIGISOL Airstation Channel[11] MAC[44:D1:FA:39:03:7B] Signal[-52dBm] WPA/WPA2PSK_TKIPAES | |
| 1 | DIGISOL Channel[1] MAC[80:14:A8:B3:CC:83] Signal[-56dBm] WPA/WPA2PSK_TKIPAES | |
| | DIGISOL-VDSL Channel[5] MAC[0C:D2:B5:A6:7E:3B] Signal[-57dBm] WPA/WPA2PSK_TKIPAES | |

Fig. 20 Repeater Mode









Fig. 22 Complete the setting in Repeater Mode

Once the configuration is completed it will redirect back to login page. You can see the status in Home

page as shown below.

| DIGISOL | 150M Wireless Bridge | | | | C→ |
|---|--|----------------------|-------------------------|------------------------------------|----|
| Home Wizard Wizi Wiki Network | Operation Mode Repeater Mode • Device Description | Flow(bps) | - Repeate | r Down Stream — Repeater Up Stream | |
| Manage | B Device Information | II LAN Information | 81 Repeater Information | WiFi Information | |
| | CPU Usage 38% | Lan IP 192.168.1.200 | Repeater SSID PE_TEST | Status ON | |
| | | | | Channel 1 | |
| | Memory Usage 44% | | Encrypt WPA/WPA2PSK_AES | | |
| | | | Signal [-28dBn | | |
| | | | | | |

Fig. 23 Status in Repeater Mode

III. WISP Operation mode:

Click WISP operation mode in Wizard, then a pop up will appear where you can configure the AP. Please set the WISP operation mode based on the steps shown below:



| DIGISOL | 150M Wireless Bridge | E→ |
|--|----------------------|----------|
| DIGISOL Home Vicard Vicard Vici Vici Vici Network | 150M Wireless Bridge | <u>C</u> |
| | | |



| DIGISOĽ | 150M Wireless Bridge | E→ |
|------------------|--|----|
| Home | WISP Mode X | |
| Wizard Wizerd | Internet Mode DHCP Internet Mode Internet Mode | |
| (B) Network | avices ug the | |
| Manage | | |

Fig. 25 WAN setting in WISP Mode

| DIGISOĽ | 150M Wireless Bridge | Ŀ |
|---|----------------------|---|
| DIGISOL Horne Horne Waard Wiri Wiri Network Karage | 150M Wireless Bridge | Đ |
| | | |

Fig. 26 Wireless Setting in WISP Mode



Scan the WISP AP you want to connect to as shown in **Fig. 24**, then click on next where you can configure the WAN setting in WISP operation mode, in next tab set the SSID this AP will broadcast.



Fig. 27 Complete the setting in WISP Mode

Once the configuration is completed it will redirect back to login page. You can see the status in Home page as shown below.

| DIGISOL | 150M Wireless Bridge | e | | | |
|------------------------------------|--|--|-------------------------------|------------------------------------|--|
| Hame Hame Witzard Witzard | Operation Mode WISP Mode • Device Description | Online User 2 Flow(bpz) 35k | | Wisp Down Stream — Wisp Up Stream | |
| Network | Uptime 00:19:07 | 0k | :25 12:13:30 12:13:35 12:13:4 | 0 12:13:45 12:13:50 12:13:55 | |
| | | | | THE RADE I THE RECEIPTION | |
| Security | B Device Information | Repeater Information | a wan information | a wiri mornation | |
| Security | E Device Information CPU Usage 8% | Repeater Information Repeater SSID PE_TEST Channel 1 | Internet Mode DHCP S | Status ON 0 SSID DG-WA1102NPLV2 | |

Fig. 28 Status in WISP Mode

IV. AP Operation mode:

Click AP operation mode in Wizard, then a pop up will appear where you can configure the AP. Please set the AP operation mode based on the steps shown below:



| DIGISOL | 150M Wireless Bridge | | | | | |
|----------|---|--|--|--|--|--|
| | AP Mode | | | | | |
| Home | 00 | | | | | |
| | LAN Settings | | | | | |
| Wizard | IP Mode Static IP | | | | | |
| | Gate Subnet 2555 0 Super WDS | | | | | |
| WiFi | Gateway 192.168.1.253 Mode | | | | | |
| A | | | | | | |
| Network | Secondary DNS 8.8.4.4 | | | | | |
| | | | | | | |
| Security | he | | | | | |
| | ISP AP | | | | | |
| Manage | | | | | | |
| | III WAIX page by Using PPP UC, UPUC client and static IP. | | | | | |
| | | | | | | |

Fig. 29 LAN setting in AP Mode

| DIGISOL | 150M Wireless Bridge | C→ |
|----------|--|----|
| | AP Mode X | |
| Home | 0 <u> </u> | |
| Vizard | 📕 26 Wifi Satus 💽 | |
| | SSID DG-WAL1102/PLV2 | |
| WiFi | Channel 2014 ¥ 7 ¥ Modele Encrypt Open ¥ | |
| Network | Timing 100, Control of the state of the stat | |
| Security | Eack Next The be | |
| * | | |
| Manage | in whit page by using PPP-DC, UPCC client and Static IP. | |

Fig. 30 Wireless setting in AP Mode

| DIGISOL | 150M Wireless Bridge | ₽ |
|----------|--|---|
| | AP Mode | |
| Home | • <u>•</u> •••••••••••••••••••••••••••••••••• | |
| Wizard | | |
| WIF | Gater. Super WDS Mode | |
| Network | Configuring your application, please wait | |
| | The | |
| Security | he et the | |
| | ISP AP | |
| Manage | зецир ин үүчү раде су цылд энчүс, отся сиени али static IP. | |
| | | |





Set the LAN IP as shown in **Fig. 29** and click on next where you can set the SSID this AP will broadcast. Once the configuration is completed it will redirect back to login page. You can see the status in Home page as shown below.

| DIGISOL | 150M Wireless Bridge | | | | | | Ŀ |
|---|--|--|--|---|--|--|---|
| Home Home Wizard WiFi WiFi Network | Operation Mode AP Mode | Flow (2G WiFi) 22 5k 20k 17.5k 15.k 16k 7.5k 5k 0 0 | bps | 3020 123 | AP Down Stream | т — АР Up Stream | |
| Manage | III Device Information III Device Descr CPU Urage 61% Memory Usage 34% | iption c Settings | B LAN Informa IP Mode Lan IP Subnet Gateway MAC Address | tion Static IP 192.168.1200 255.255.255.0 192.168.1253 00:17:7C:7E:A4:3A | B WiFi Inform Status SSID Channel Encrypt MAC Address | ation ON 0 DG-WA1102NPLV2 7 Open 00:17:7C:7EA4:3C | |
| | Version:DIGISOL-DG-WA1102NPLV2-Build20181120111421 | | MAC Address | 00:17:7C:7E:A4:3A | MAC Address | 00:17:7C:7E:A4:3C | |

Fig. 32 Status in AP Mode

V. Super WDS operation mode

For Super WDS setting you will require atleast two AP's.

A. Access 1st AP's GUI page, Click Wizard and choose SUPER WDS mode, input the SSID.

For example, the SSID is Wireless2.4G_WDS.

| DIGISOL | 150M Wireless Bridge | | | | Ę→ |
|---------|----------------------|------------------|-----------|---|----|
| | Super WDS Mode | | | × | |
| Home | 0 | | | | |
| | wDs | | | | |
| Wizard | | Wireless2.4G_WDS | | | |
| | AP BSSID | Ma | rk Scan | | |
| <u></u> | AP BSSID | Ma | rk Scan | | |
| WiFi | AP BSSID | Ma | scan Scan | | |
| | Encrypt | Open 🔻 | | | |
| Network | | | | | |
| | | | | | |
| * | | | | | |
| Manage | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

Fig. 33 Super WDS Mode



B. Access 2nd AP's GUI page, click Wizard and choose Super WDS function.

In this page, click scan AP to choose 1st AP's SSID i.e Wireless2.4G_WDS .

In this page, user can set 2nd AP's SSID as Wireless 2.4G-Test.

Note: These SSID's are used while scanning as shown below

| DIGISOĽ | 150M Wireless Bridge | | | | |
|--|---|--|--|--|--|
| (| Super WDS Mode X | | | | |
| Home | B ment Mode | | | | |
| Ward | WOS Wireless List X | | | | |
| | Wireless2.4G_WOS Channel[7] MAC[1A:17:7C:7E:A4:3C] Signal[-1586m] Open Scan Juper WDS | | | | |
| CPE | PE_TEST Mode Channel[1] MAC[44D1:FA25CF:90] Signal-2688m1 WPA/WPA2PSK TQPAES Scan | | | | |
| (Second Second S | Channel[11] MAC[44/D1FA/39/03/7B] Signal[-44dBm] WPA/WPA2PSK_TKIPAES | | | | |
| | EponWifi 5 Channel[9] MAC[801448:CA:07:88] 35 Signal[-47dBm] Open ind | | | | |
| Network | DIGISOL Channel[1] MAC[80:14/A&B3:CC:80] Signal[-50dBm] WPA/WPA2PSK_TKIPAES | | | | |
| Manage | | | | | |
| | | | | | |

Fig. 34 Scan the SSID

C. Click next to set the SSID this AP will broadcast.

| DIGISOL | 150M Wireless Bridge | Ŀ |
|--|----------------------|---|
| DIGISOL Home Vitarid Wiri Wiri Wiri Network Retwork | 150M Wireless Bridge | C |
| | | |

Fig. 35 Wireless setting in Super WDS Mode

D. Click next to set the LAN IP of the AP.



| Form Virie Virie <th></th> | |
|--|--|

Fig. 36 LAN Setting in Super WDS Mode

Fig. 37 Complete the setting in Super WDS Mode

E. Go back to 1st AP, Wizard--- Super WDS--- Scan AP--- Choose 2nd AP's SSID, then 1st AP will work with 2nd AP.

F. Once the configuration is completed it will redirect back to login page. You can see the status in Home page as shown below in **Fig. 38**.







E. If you want to connect 3rd AP with 1st AP, scan 1st AP's SSID in 3rd AP and vice versa to make 3rd AP work with 1st AP.

3) WiFi

This part, will show the 2G Wifi Setting, WDS, MAC ACL, WiFi Timer off and Advanced Setting:

| DIGISOĽ | 150M Wireless Bridge | €→ |
|-------------|---|----|
| | 2G WiFi WDS MAC ACL WiFi Timer Off Advanced | |
| Home | Basic VAP1 VAP2 VAP3 | |
| Wizard | WiFi Status WiFi Analyzer SSID DG-WA1102NPLV2_Test | |
| | Hide your SSID ? | |
| | Channel 7 T | |
| CPE | Encrypt Open T | |
| WiFi | | |
| Network | | |
| (Manage | | |
| | | |

Fig. 39 2G Wifi (Basic Wifi setting)

There are 3 virtual AP in this outdoor AP, if needed virtual SSID then users can configure it as shown in the following picture:

| DIGISOL | 150M Wireless Bridge | €→ |
|---------|---|----|
| | 2G WiFi WDS MAC ACL WiFi Timer Off Advanced | |
| Home | Basic VAP 1 VAP 2 VAP 3 | |
| Wizard | WiFi Status Constanting Still 2 | |
| | Encrypt Encryption Wifi Password 66666666 | |
| | Аеру | |
| Network | | |
| Manage | | |
| | | |

Fig. 40 2G Wifi (VAP setting)

MAC ACL: User can allow or deny a particular MAC. Click on Add select whether to allow/deny the particular MAC and click on Apply.





| DIGISOL | 150M Wireless Bridge |
|---------------|---|
| 1 | 2G WIFI WDS MAC ACL WIFI Timer Off Advanced |
| | SN Name MAC Address Mark Status Config |
| Wizard | |
| WIFI | |
| () Network | |
| Security | |
| Manage | |
| | Add Delete Apply Disable T |

Fig. 41 MAC ACL

WiFi Timer Off: User can enable WiFi Timer Off to turn off the SSID in the specified time.

| DIGISOL | 150M Wireless Bridge | E⇒ |
|------------------|---|----|
| Home | 2G WiFi WDS MAC ACL WiFi Timer Off Advanced | |
| Vitard | WiFi Timer Off | |
| | | |
| (iii) Network | | |
| Manage | | |

Fig. 42 WiFi Timer Off

Advanced: This page will allow the user to change the Country Region, 2G Mode, Coverage Threshold, Tx Power, 2G Distance, Maximum for per AP the regional, enable/disable Multicast Fast and Short GI.



| Mail - Dipali Hule@digisol.com | X E Intelligent Wireless Bridge X E Inte 192 168 1 200/cni-bin/showbtmPrage=deg wifi | elligent Wireless Bridge | × O Home -Digisol | × DIGISOL File Service | × + | 13 | A : |
|--------------------------------|--|--------------------------|-------------------|------------------------|-----|------|-----|
| III Apps 🚏 Office 365 Login | Zing - Making H>R DIGISCL File Service | | | | | 0223 | • . |
| DIGISOL | 150M Wireless Bridge | | | | | G≁ | Î |
| | | ViFi Timer Off Adva | | | | | |
| Home | | | | | | | |
| | Country Region | | | | | | |
| Manual Manual | | | | | | | |
| | Multicest Fast | | | | | | |
| | Maximum for per AP | | | | | | |
| COF | WLAN Fartition | | | | | | |
| | | | | | | | |
| | Coverage Threshold | | (-95dBm-+65dBm) | | | | |
| AV6FT | | Max | | | | | |
| | 2G Distance | • | | | | | |
| | | | | | | | |
| Tostwork | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| Manage | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | 751 |

Fig. 43 Advanced

4) Network:

This page mainly shows the LAN setting of the AP and user can also enable DHCP Server as shown in **Fig. 44**:

| DIGISOL | 150M Wireless Bridge | | E⇒ |
|----------|--------------------------------|-------------------|----|
| | LAN Settings Static DHCP Cloud | d Server Settings | |
| Home | LAN Settings | | |
| | IP Mode | Static IP | |
| | | 192 168 1 200 | |
| Wizard | Subnet | | |
| | Gateway | 192.168.1.253 | |
| - DE | | | |
| CHE | Secondary DNS | | |
| 1 | | | |
| WiFi | DHCP Server | | |
| | Start Address | 2 | |
| | Max Number | | |
| Network | DHCP Lease Time | 24(Hour) | |
| * | Assigned IP Number | 0 DHCP List | |
| Manage | | Apply | |
| | | | |
| | | | |
| | | | |

Fig. 44 LAN Settings

Static DHCP: User can assign Static IP to the client devices, click on add where you can scan the client device using the Mac address and click on apply as shown in **Fig. 45**



| DIGISOL | 150M Wireless Bridge | | | | Đ |
|----------|--------------------------|---------------------|------|---|---|
| (Files | UAN Settings Static DHOP | | | | |
| Vicer# | Static DHC | • | | × | |
| | Static i | DHCP IP Address | Scan | | |
| | | MAC Address Mark | Save | | |
| | | | | | |
| * | | | | | |
| - Manuge | | | | | |

Fig. 45 Static DHCP

Cloud Server Setting: By enabling Cloud Server user can link the AP to the Cloud Account.

| DIGISOL | 150M Wireless Bridge | C→ |
|----------------|--|----|
| Home | LAN Settings Cloud Server Settings | |
| Wizard | Cloud Server Cloud Server Cloud Server | |
| | Арріу | |
| | | |
| (1) Network | | |
| Manage | | |

Fig. 46 Cloud Server Setting

5) Manage:

This part shows how to configure, reboot, modify password, upgrade, set time and Logs.

Configure: User can download/restore the backup file. Also, reset the AP to factory default settings and enable Telnet access as shown in **Fig. 47**



| DIGISOL | 150M Wireless Bridge | E+ |
|------------------|--|----|
| | Configure Reboot ModifyPassward Upgrade Time Log | |
| Hatna | Cordgue | |
| | Bickup Save the configuration file to your computer | |
| Wisard | Restore Choose File No file chosen | ł |
| | Reset Default Restore the factory default settings, please press this button | |
| CDE | Tolnet 💿 🔬 (Teleling Telestoc.4) be Assembling transferry) | |
| | | |
| (iii) Milanda | | |
| Manage | | |
| | | |

Fig. 47 Configure

Reboot: User can schedule a reboot of the AP as shown in Fig. 48

| DIGISOL | 150M Wireless Bridge | ₽ |
|---------------------------|---|---|
| Hame | Configure Reboot Modify Pacourord Upgrade Time Log Ratioot | |
| Wizard | Refeat Refeat | |
| | Redort Time Everyday 10:00 Redort Interval Dinge Apply | |
| wiri (iii) Hiebwork | | |
| Manage | | |

Fig. 48 Reboot

Modify Password: Here you can modify the password. Default password is admin.

| DIGISOL | 150M Wireless Bridge | E⇒ |
|---------|--|----|
| | Configure Reboot Modify/Roomand Upgrade Time Log | |
| Hame | Modify Password | |
| | | |
| Wgard | New Password | |
| | Confirm Reservord | |
| 30 | Αφρίγ | |
| | | |
| With | | |
| () | | |
| Network | | |
| | | |
| Marage | | |
| | | |
| | | |





Upgrade: Select choose file and navigate to proper path where the firmware is downloaded and select upgrade.

| DIGISOL | 150M Wireless Bridge | E→ |
|---------------------|---|----|
| Tame 1 | Configure Reboot Modify Password Upgrade Time Log | |
| | Upgrade Venion:T005bCk-DG-WallD3NPUv2-6/ik20181120111421 | |
| | Choose Fig. No file chosen Whether to resume the factory configuration | |
| <u></u> | In theme to used present all during the protocol uppirating the activance Upgrade | |
| WH () Network | | |
| Manage | | |
| | | |

Fig. 50 Upgrade

Time: Here you can check the system time, enable NTP Server and select the Time Zone.

| DIGISOL | 150M Wireless Bridge | E⇒ |
|-----------|--|----|
| | Configure Reboot Modily Pacoword Upgrade Time Log | |
| Home | | |
| | System Time 2018-12-12 17:45:22 | |
| Waard | NTP Enable 👘 🌉 | |
| | Time Zone Select (GMT+05:30)Bombay, Calcutta, Madras, New Dehn 🔹 | |
| CPE | Manual #? Settings | |
| | NTP Server time windows.com | |
| With | | |
| | | |
| - Network | | |
| Manage | | |
| | | |
| | | |

Fig. 51 Time

Log: Here you can find the AP's log, you can also enable Remote Log Service.







Fig. 52 Log

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: | 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. |
| Duration: | | and appropriate in security. |
| Speed: | This connection uses the following items: | Obtain an IP address automatically |
| | Clent for Microsoft Networks Pile and Printer Sharing for Microsoft Networks Pile and Printer Sharing for Microsoft Networks Pile termed Package (CCP/IP) | Use the following IP address: |
| Activity | Install Uninstall Properties | Obtain DNS course address as terratically. |
| 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 AB 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; | |
| Can't scan the wireless AP | Make sure there are 5G signal existing. | |
| Carriscan the wheless Ar | Reset the Wireless AP, scan it again after Wireless AP | |
| | restart. | |
| The connection of Wireless AP and | Please Check the computer's IP address and DNS setting. If | |
| AP is success but the computer | it is dynamic, set the network card as automatically obtain. If | |
| can't share internet | it is static IP, please contact with ISP for correct IP address | |
| | 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. | |

This product comes with One Year warranty. For further details about warranty policy and Product Registration, please visit support section of www.digisol.com



