

V9 series VPN Setup Guide

August 2014

Hakko Electronics Co., Ltd.

Start-up/login of management tool (V-Connect)

- Install the VPN management tool “V-Connect.exe” on your PC beforehand.
- After the internet connection is established, start V-Connect.
- Enter the following information sent from Hakko on login window.

E.g.) Domain name : Thunderbird3

User ID : user001

Password : *****


- To access via proxy server, go to “Option” > “Proxy settings”. (Select direct connection to use a mobile router.)

E.g.) Host name : 40.30.20.10

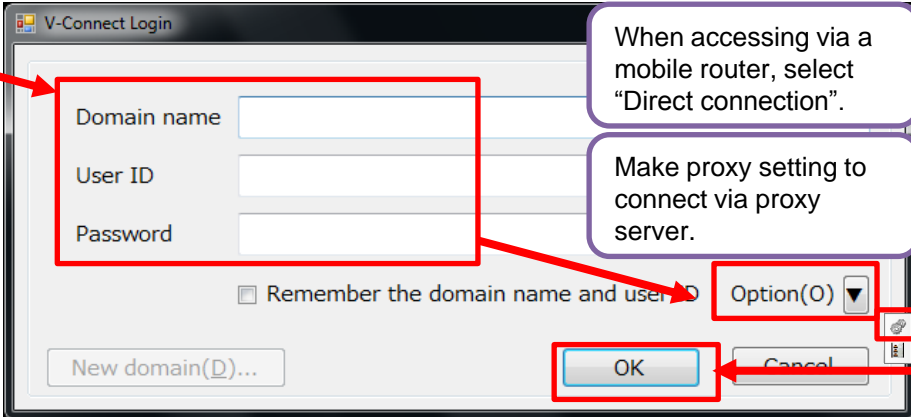
Port : 8080

User/Password : Register if necessary.

**“V-Connect”
VPN management tool icon**



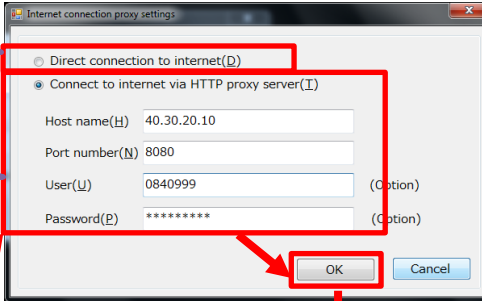
Login window



When accessing via a mobile router, select “Direct connection”.

Make proxy setting to connect via proxy server.

Proxy settings



Direct connection to internet(D)
Connect to internet via HTTP proxy server(L)

Host name(H) 40.30.20.10
Port number(N) 8080
User(U) 0840999 (Option)
Password(P) ***** (Option)

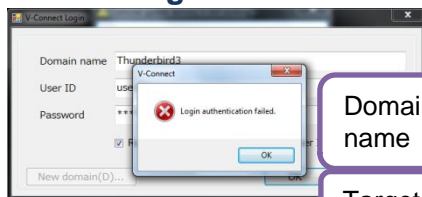
Option(O) [v]
Proxy settings(P)...
Option settings(O)...

OK Cancel

Confirm the connection on "V-Connect"

- After logging in, you can monitor the status of V9s.

Login failed



Domain name

Target ID

5 units are registered in the server. The one with the green icon is currently connected.

List of the users who can access from PC.

Login succeeded

VPN terminal name TERM001

Active ID Ie32q91H4CA0T10P

IP address assignment DHCP

IP address 192.168.50.12

Node ID V9NODE001

Node password *****

Local network

Network address

Subnet mask

MAC address

VPN status Online

Source IP address 210.238.228.176

Session start time 2014-08-01 02:56:50

Last authentication time 2014-08-01 02:56:50

Sending data size 511,806,579Bytes

Receiving data size 27,516,326Bytes

After October 2014, you will need to register the active ID on V9 unit. (This info is not in use currently.)

The virtual IP of V9

Node ID and password registered on V9 unit

IP setting of LAN port on V9 (necessary for routing function)

"Online" means V9 is connected to VPN server.

VPN routing setting

- Set the routing table onto the PC in order to access the devices connected to V9.
- Right-click the unit on V-Connect and select “Local network”. You can access the connected Ethernet devices through V9 by specifying the IP address of V9 (either of LAN, LAN2 or WLAN) on the Local network setting dialog.
- After October 2014, this routing table setting is planned to be done automatically by referring to the local information from V9.

* 2nd Ethernet port of V8 series does not have this capability; however, it is available on V9 series by adding router function and bridge function on it.

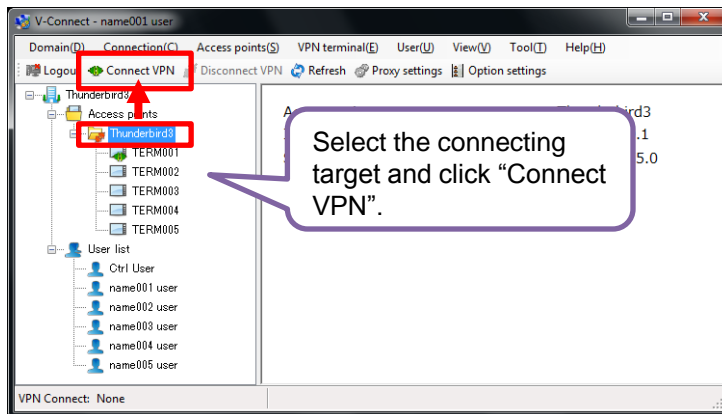
V-Connect screen

Local network setting

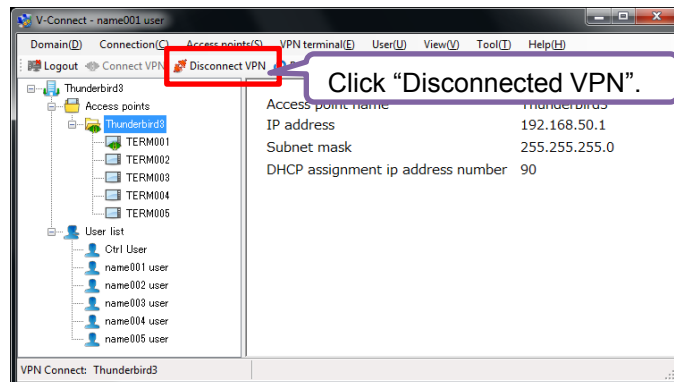
Connect/disconnect VPN on V-Connect

- Select the folder with the same name as domain, e.g.) Thunderbird3, and click “Connect VPN” to establish VPN connection.
- To cut off the connection, select “Disconnect VPN”.
- To finish the access to VPN server, select “Logout”.

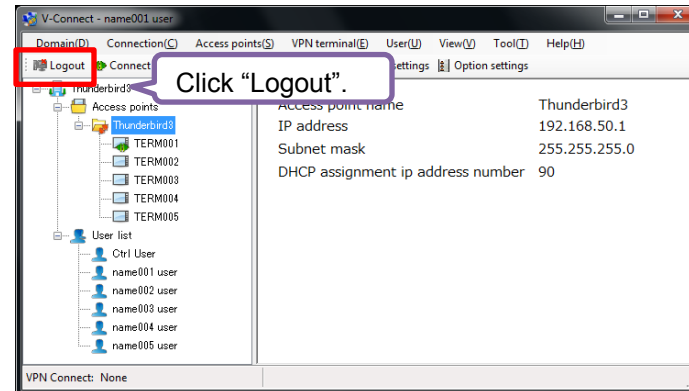
VPN connected



VPN disconnected



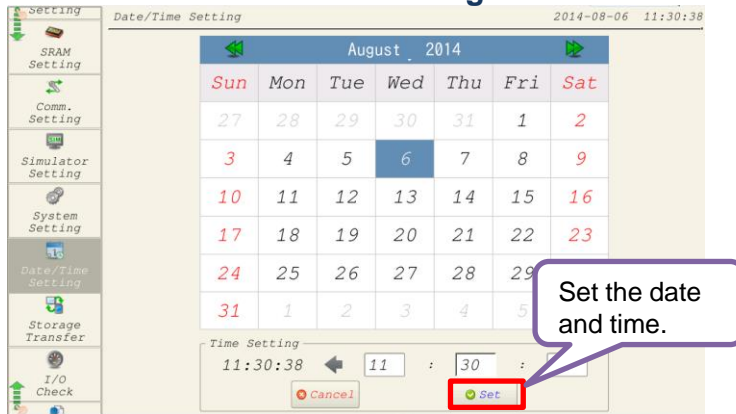
VPN logout



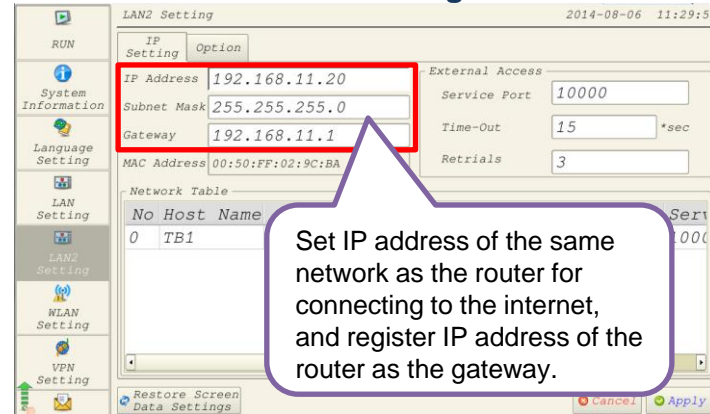
VPN settings on V9 unit (1)

- Adjust the date and time. (**Cannot establish VPN connection with the factory setting**)
- Make settings for LAN port to connect to the internet.
- Make settings for another LAN port to communicate with the other devices.

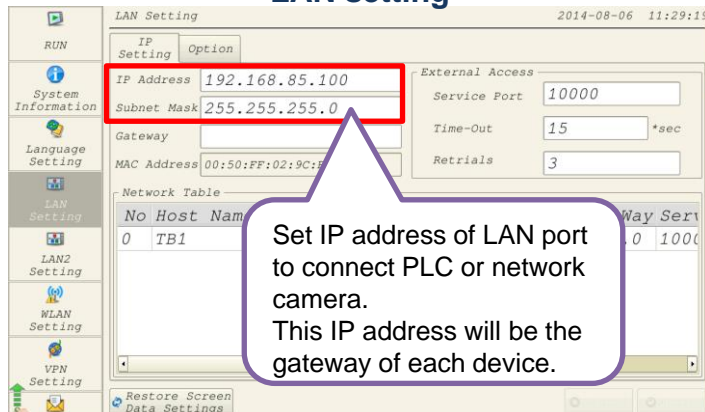
Date/time setting



LAN2 setting



LAN setting



VPN settings on V9 unit (2)

- On VPN setting menu, select “Valid” and the port for VPN. Check “DHCP” and register “Target ID”, “Node ID” and “Node password” that are sent from Hakko.
- When connecting via proxy server, make the proxy setting accordingly.
- Select “Connect”. If there is no error and you see the virtual IP assigned on the screen, it means the connection is successfully established. Then “Unlink” switch on the bottom will be active.

