

MONITOUCH

Technical Information

July 2020

Theme	V9's VNC connection using "Simple Remote"		
Models	V9 series with a wireless LAN	No. TI-M-1278	1/16

1. Outline

This document explains how to connect the V9 as an access point (with no encryption) to an Android tablet (app: Simple Remote) by VNC. The V9 DHCP server feature is used to set the IP address on your Android tablet.



DHCP server function

This function allows the V9 as a server to reserve some IP addresses in advance.
The V9 automatically assigns one of the available IP addresses to the client device when the client device accesses the V9 network.

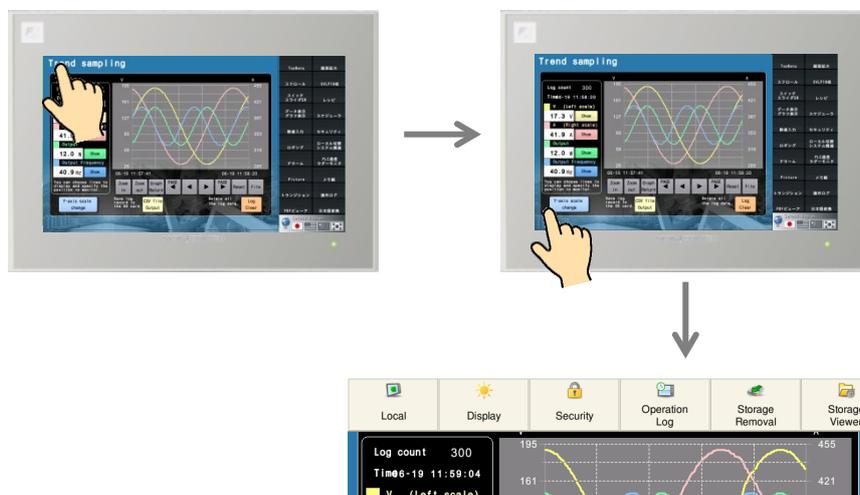
2. Supported models

V9 series with a wireless LAN

3. Configuration of settings of the V9

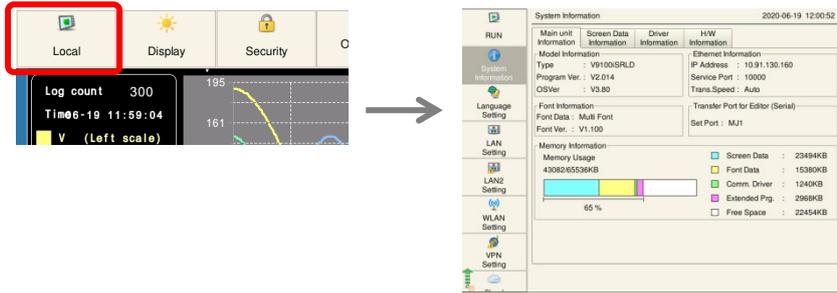
3.1 Switching to the local mode screen

- 1 Press one corner of the screen for at least 2 seconds and release your finger when there is a beep. Then press a different corner and hold for at least 2 seconds to display the system menu.



*For V9 Standard panels, press [SYSTEM] to display the system menu.

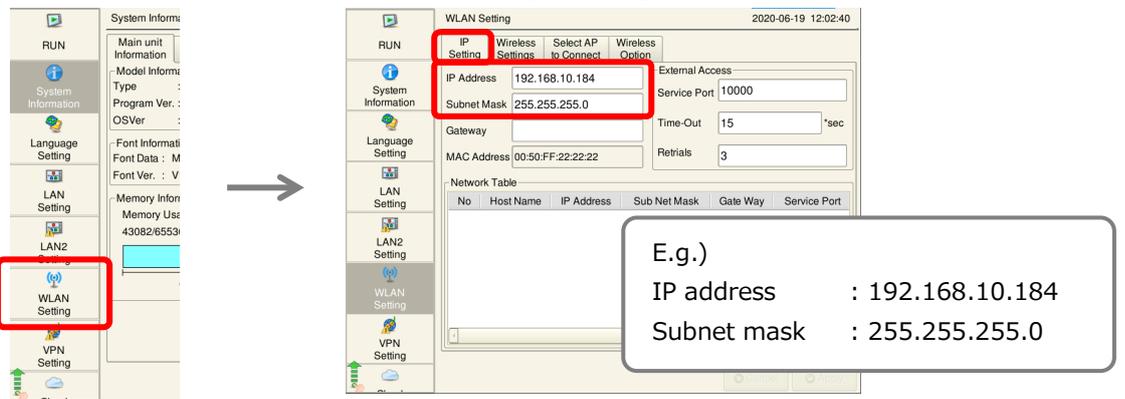
2 Press the [Local] button to show the local mode screen.



3.2 [WLAN Setting] screen

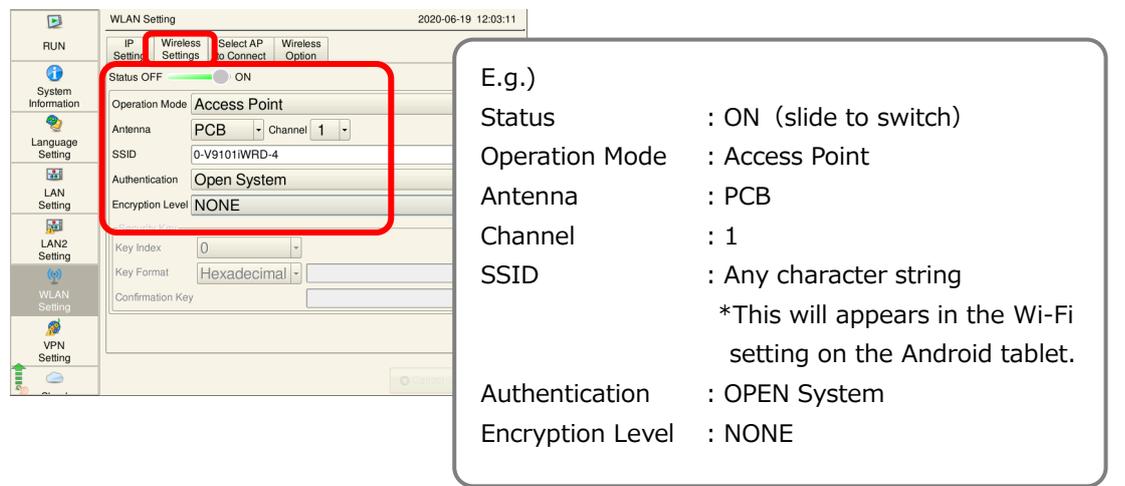
The IP address, subnet mask, and wireless LAN settings are as follows.

1 Go to [WLAN Setting] and click [IP Setting]. Configure "IP Address" and "Subnet Mask".

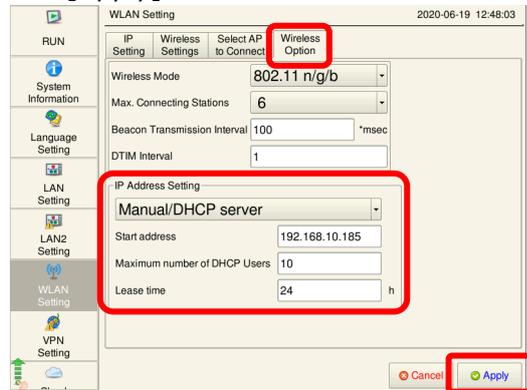


 IP addresses for LAN, LAN2, and WLAN should not be the same network group.

2 Configure "Wireless Settings".



- Click [Wireless Option]. Set [IP Address Setting] to "Manual/DHCP server". Configure "Start address", "Maximum number of DHCP Users", and "Lease time". Press [Apply].

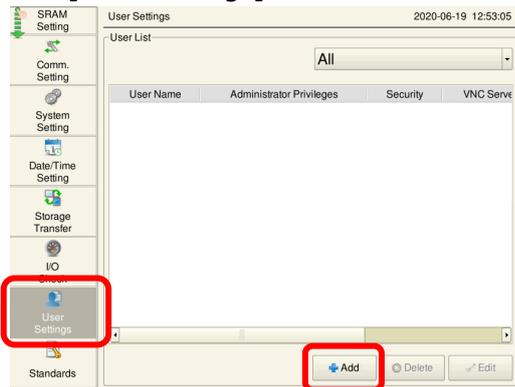


E.g.)
 Start address : 192.168.10.185
 Maximum number of DHCP Users : 10
 Lease time : 24 (h)

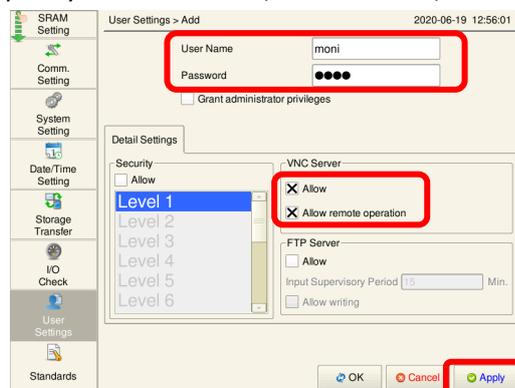
3.3 The [User Settings] screen

How to add the access users of the VNC server is as follows.

- Go to [User Settings] and click "Add".



- Specify "User Name", "Password", and "VNC Server". Click "Apply".



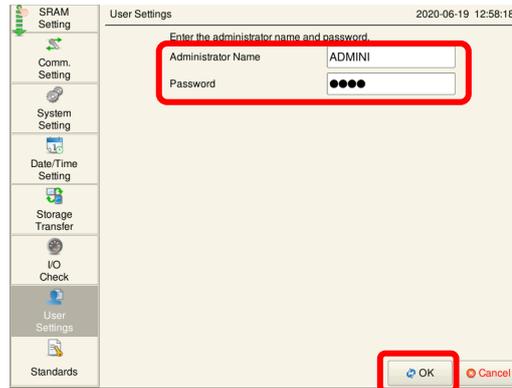
E.g.)
 User Name : moni
 Password : moni
 VNC Server : Allow
 Allow remote operation

<If any user is already registered>

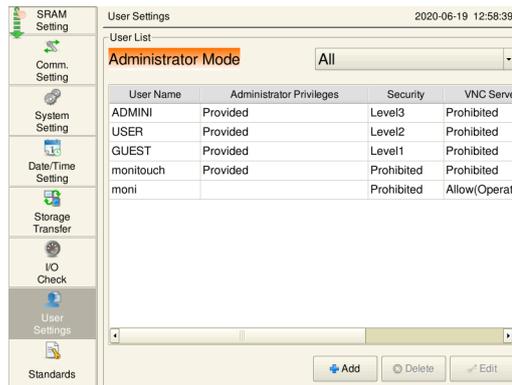
I. Click "Administrator Authentication".



II. Enter the ID and password of a user with administrator authentication. Click "OK".



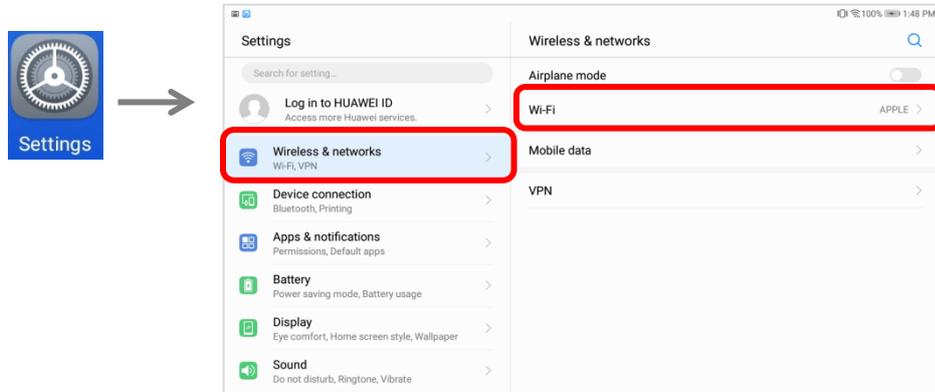
III. The user list opens in administrator mode. Follow the section 3.3 step 1.



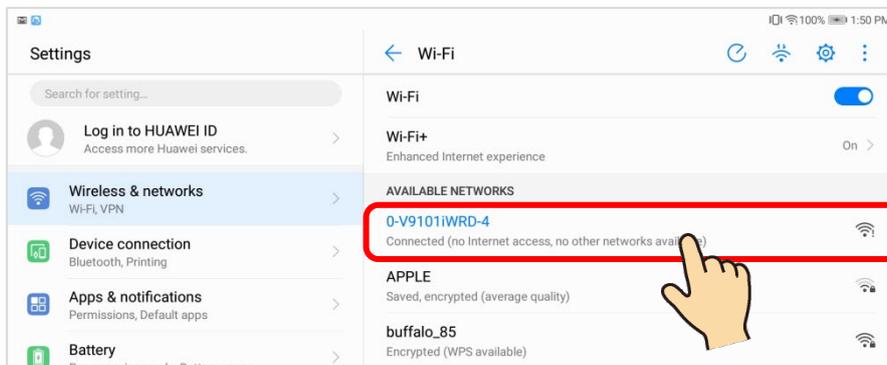
4. Android tablet settings

4.1 The Settings icon

- 1 Tap the Settings icon on the Home screen page and tap "Wi-Fi".



- 2 Tap the SSID that you configured in section 3.2 step 2.

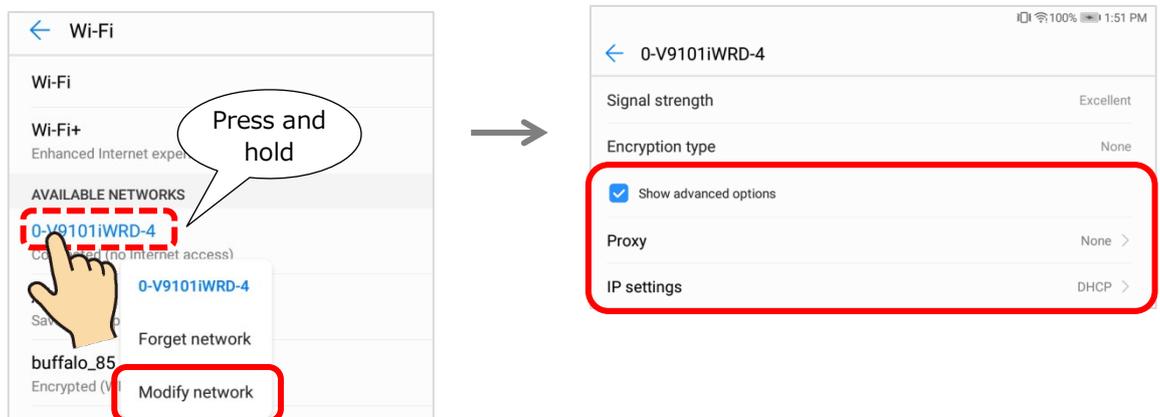


When you press and hold the target SSID, a pull-down menu appears.

Tap [Modify network].

"IP settings" appears by checking "Show advanced options".

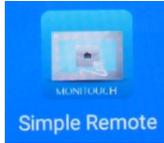
Make sure that "DHCP" is selected.



4.2 Starting and closing “Simple Remote”

<How to launch the app>

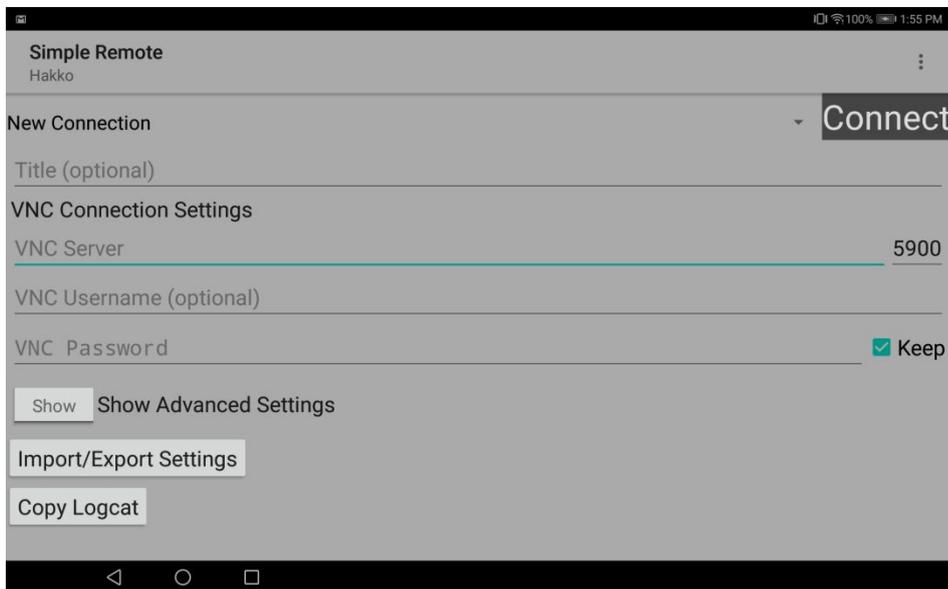
- 1 Tap the Simple Remote icon on the home screen page.



Simple Remote

It is a free VNC client app for Android developed by Hakko Electronics and exclusively for MONITOUCH. Long term support is available thanks to in-house development. You can install it from Google Play for free and use it right away.

- 2 The following screen appears.



- 3 Enter the IP address of the V9 WLAN in [VNC Connection Settings]. Tap “Connect”.

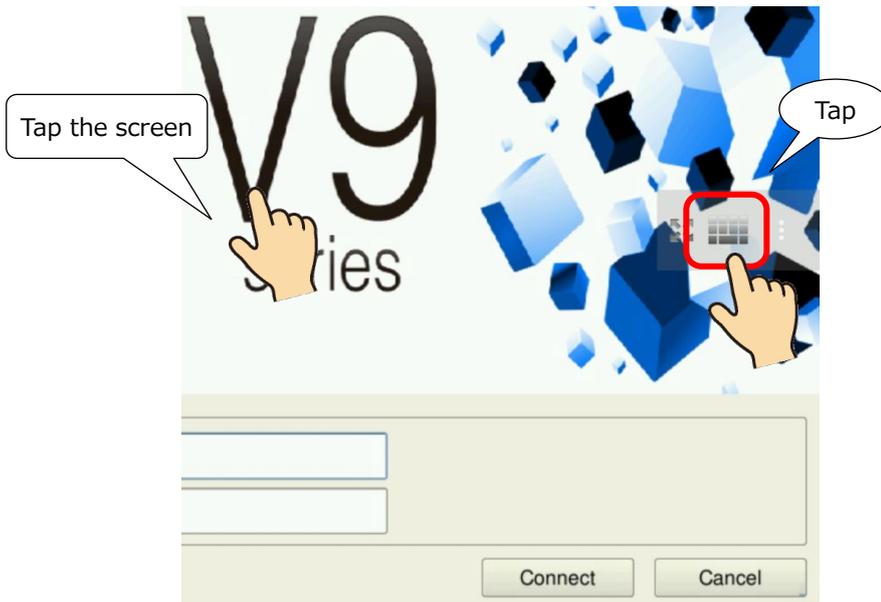


E.g.)
 VNC Connection Settings (V9) : 192.168.10.184
 (Port) :5900 (fixed)

- The VNC launch menu appears.

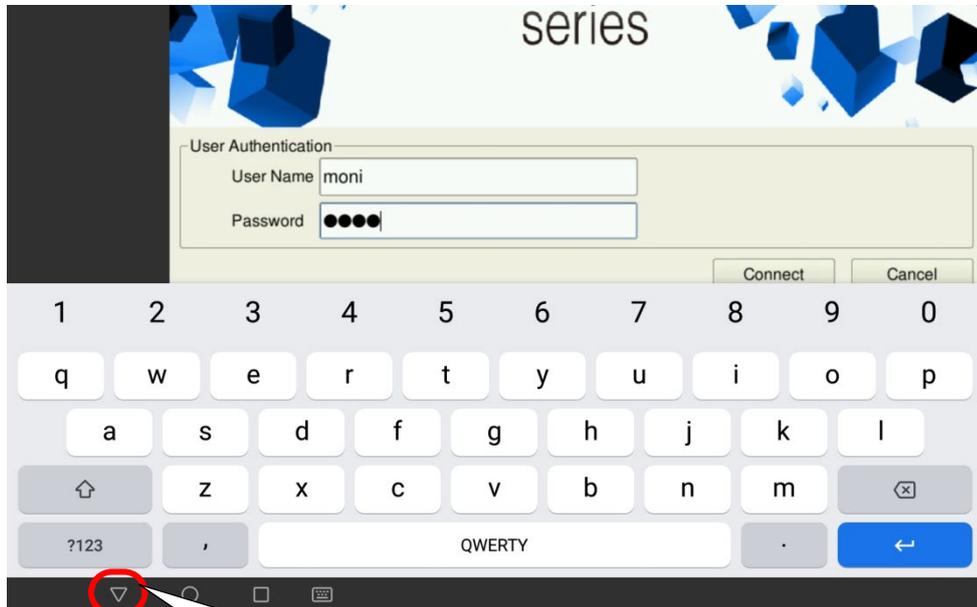


- Tap the screen to display the following transparent menu, and then tap the icon in the center.



- 6 When the keypad appears, scroll the VNC screen until you can see [User Authentication]. Enter the user name (moni) and password (moni) that you configured in section 3.3 step 2.

To turn off the keypad, tap the down arrow button at the bottom of the screen.



Tap here to close the keypad.

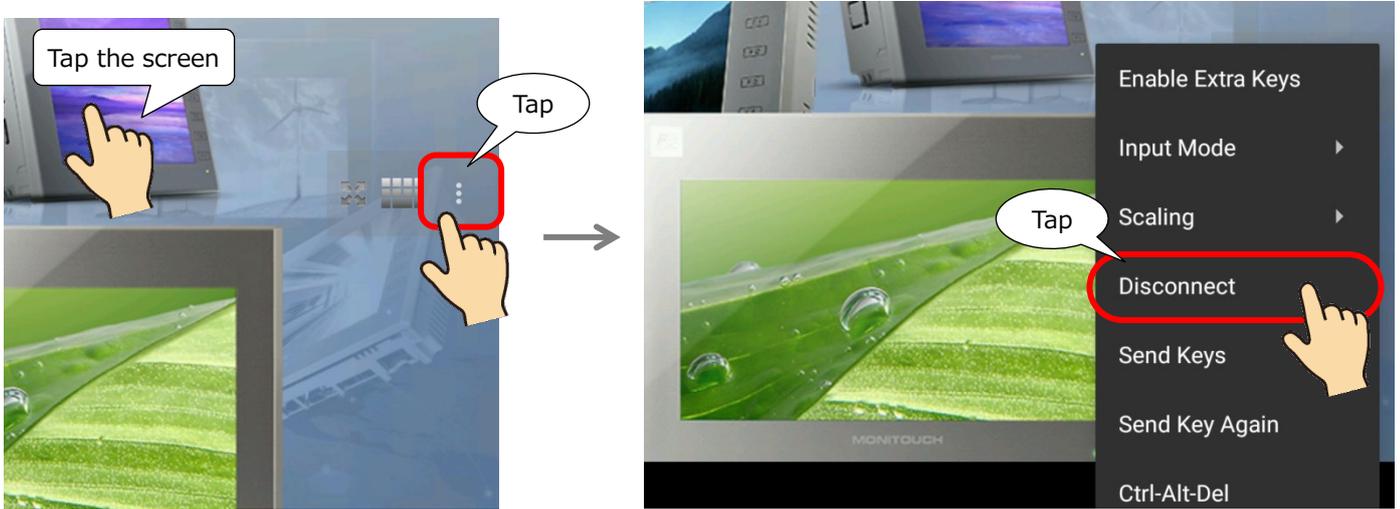
- 7 Tap "Connect". The V9 screen appears with the VNC connection.



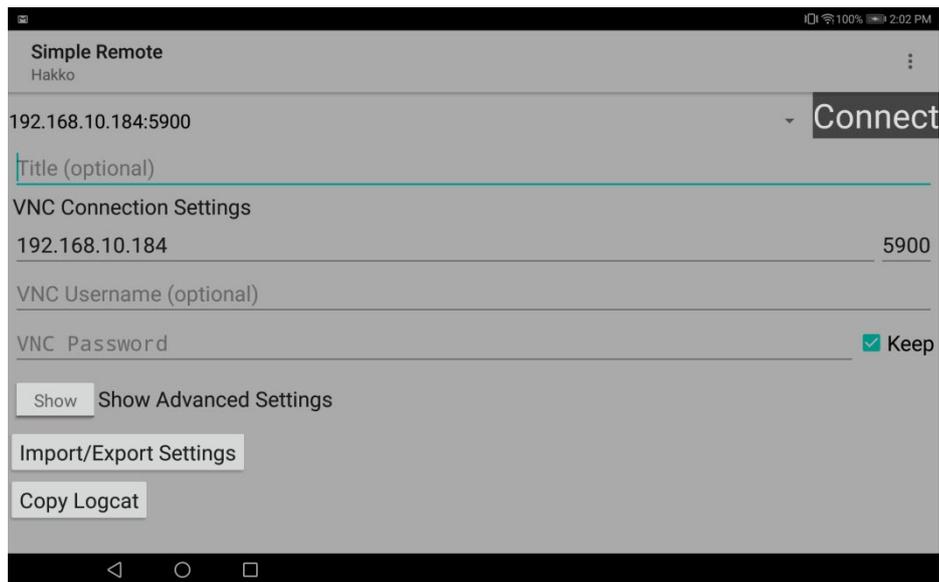
<How to close the app>

- 1 Tap the screen to display the following transparent menu, and then tap the three dots icon.

The settings menu appears. Tap "Disconnect".



- 2 Return to the startup window of Simple Remote.

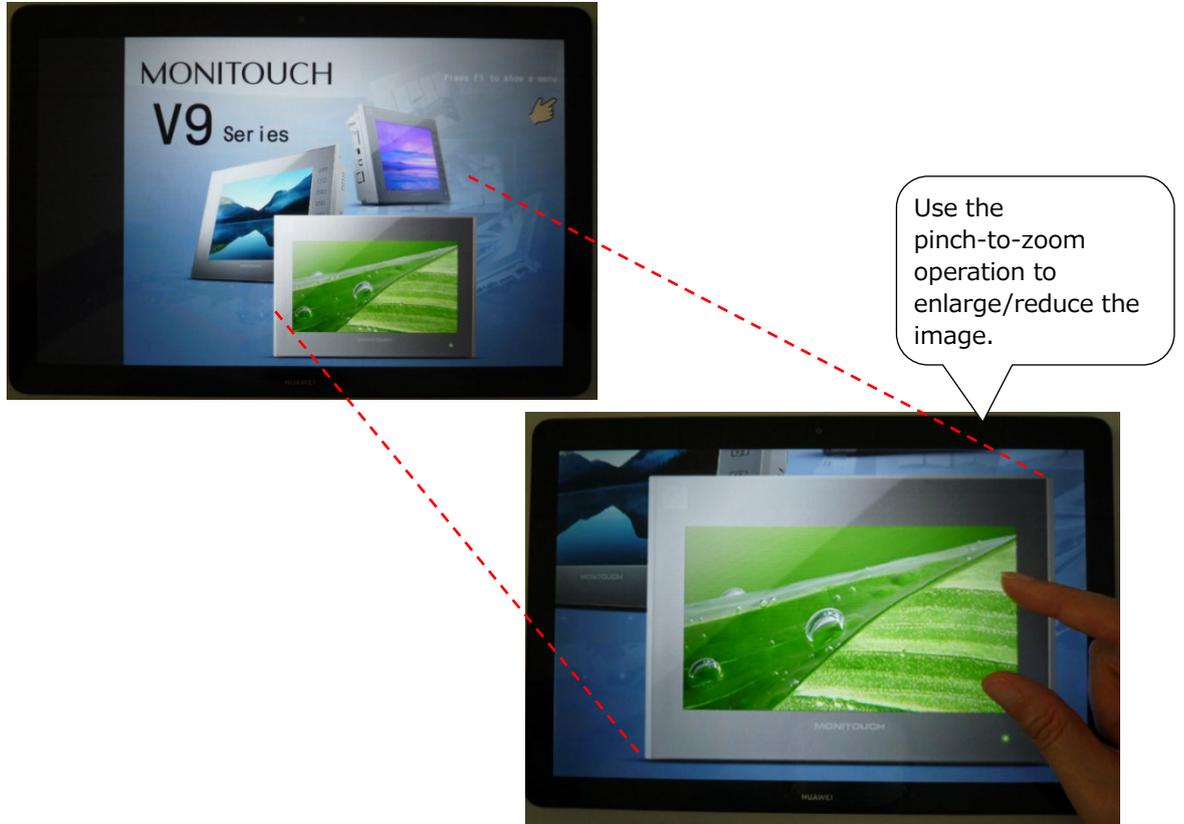


5. Simple Remote Features

5.1 Centering the screen

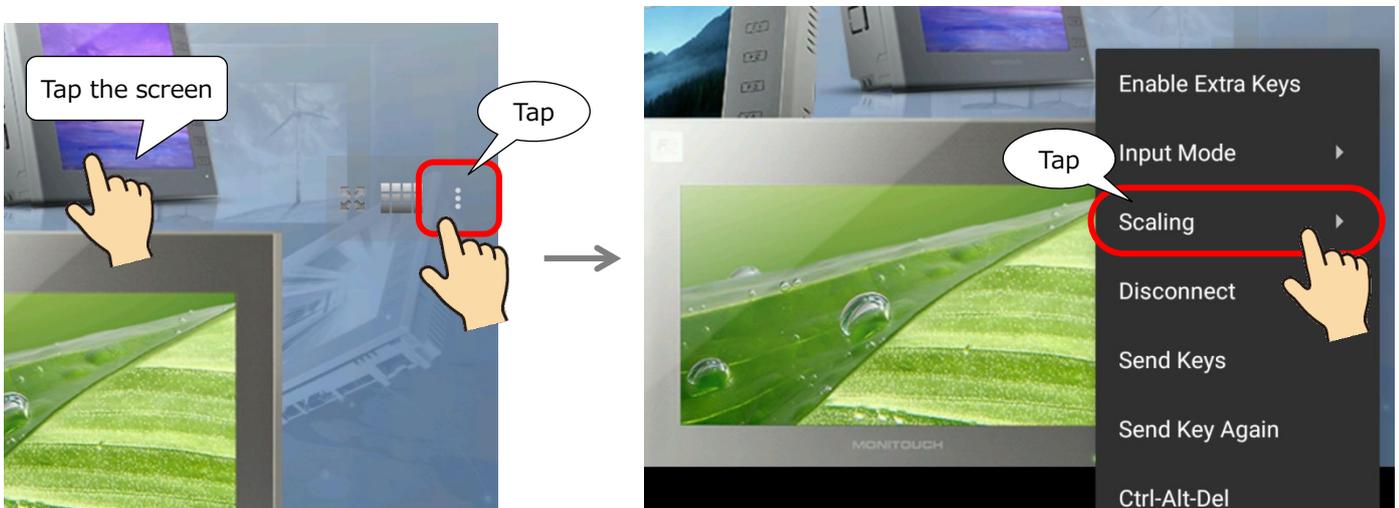
At startup, the screen appears in the lower right corner.

At this time, you can use a pinch-to-zoom operation to enlarge or reduce the screen.

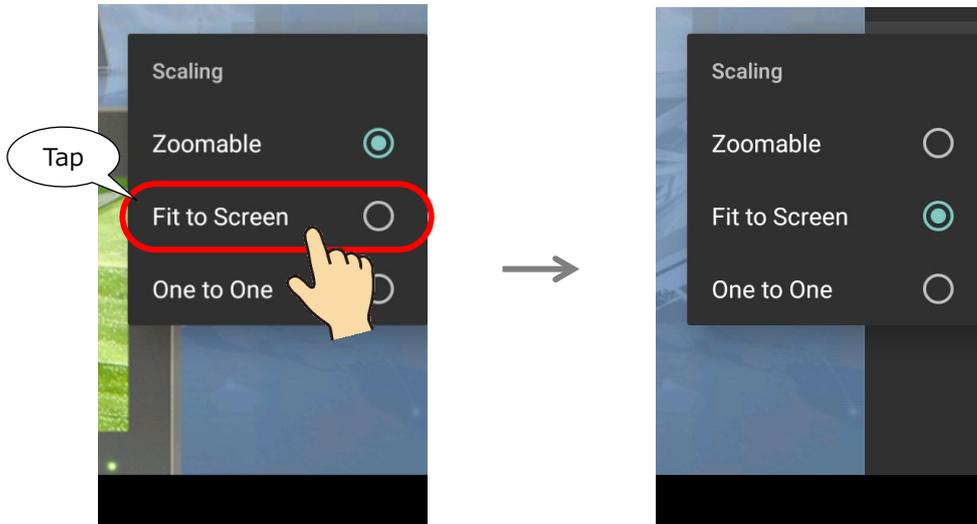


You can also center the screen. Set the following.

- 1 Tap the screen in the VNC session to display the following transparent menu, and then tap the three dots icon. The settings menu appears.
Tap "Scaling".



- The Scaling menu appears.
Because the default is "Zoomable", tap "Fit to Screen" to select.



- The screen is centered.

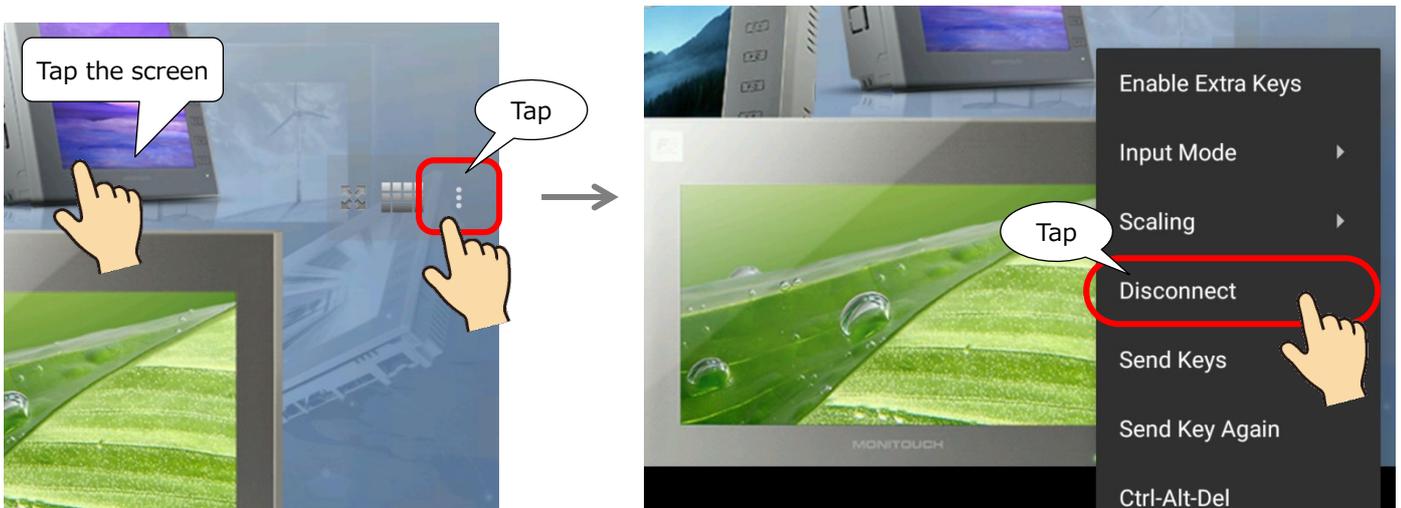


5.2 Show/hide a mouse pointer

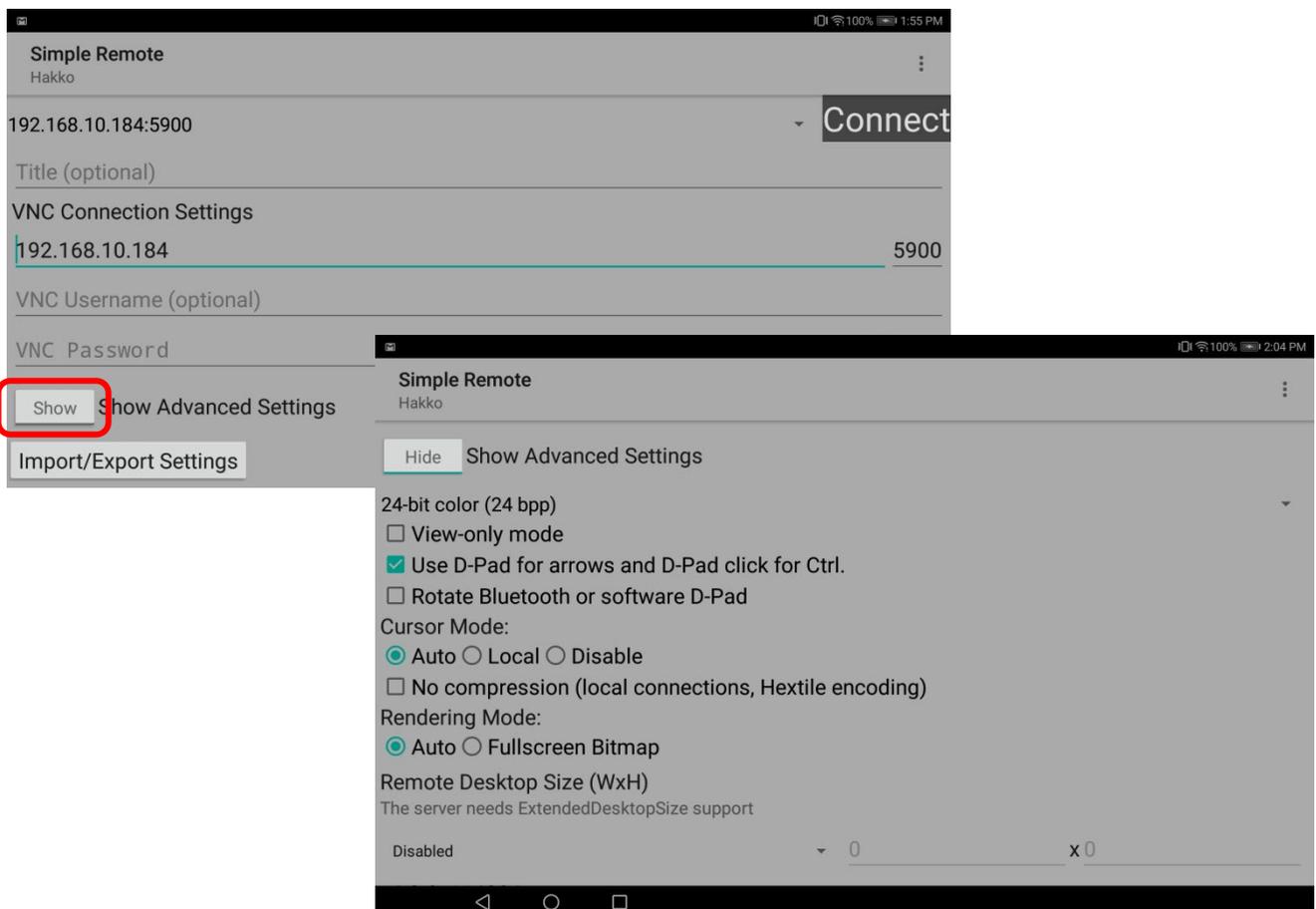
It is possible to display a mouse pointer. (It is not displayed by default.)

- 1 Tap the screen to display the following transparent menu, and then tap the three dots icon.

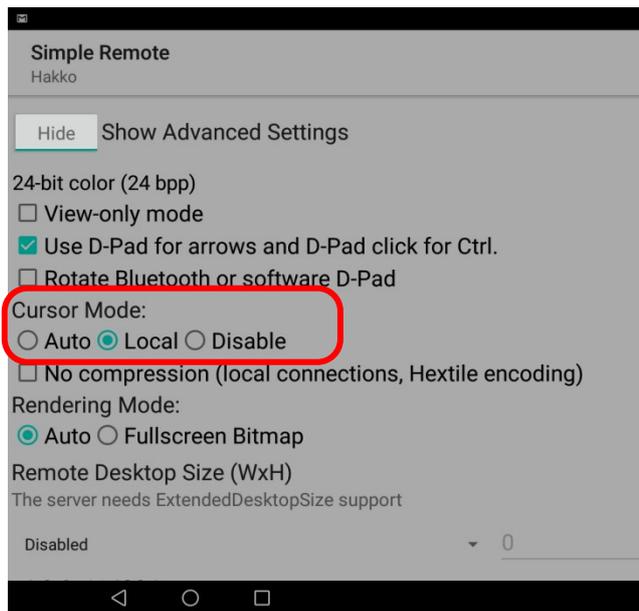
The settings menu appears. Tap "Disconnect".



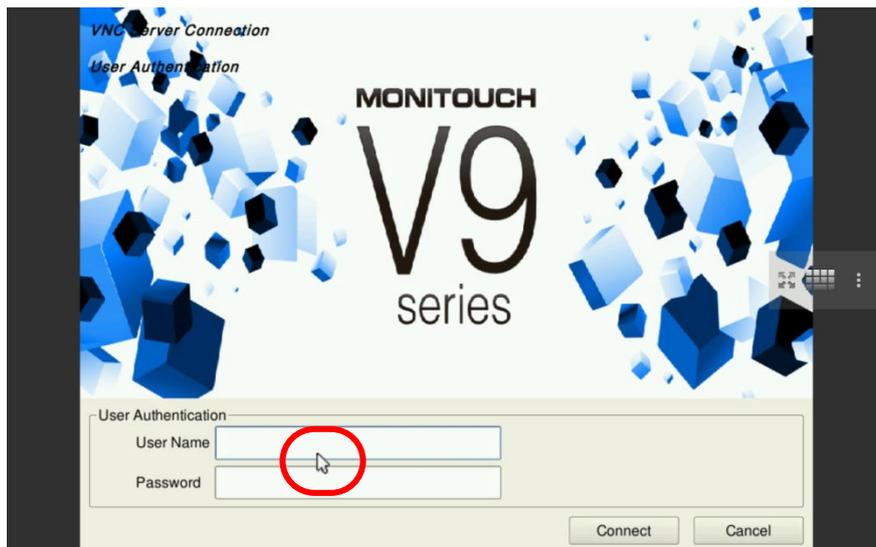
- 2 The startup screen of Simple Remote appears again.
Tap "Show" to scroll through the menus that are hidden below.



- 3 Change "Cursor Mode" from "Auto" to "Local".



- 4 Connect to the V9. The mouse cursor appears during the VNC session.



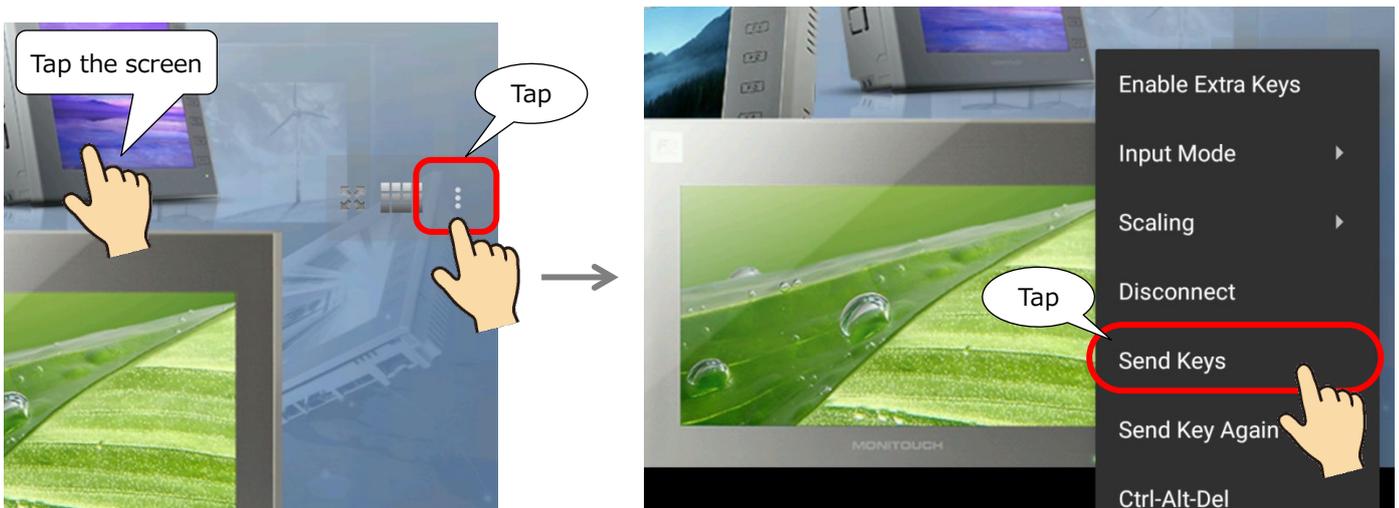
5.3 How to operate V9's function keys from the tablet

Send Keys feature enables you to press the function keys of the V9 series.

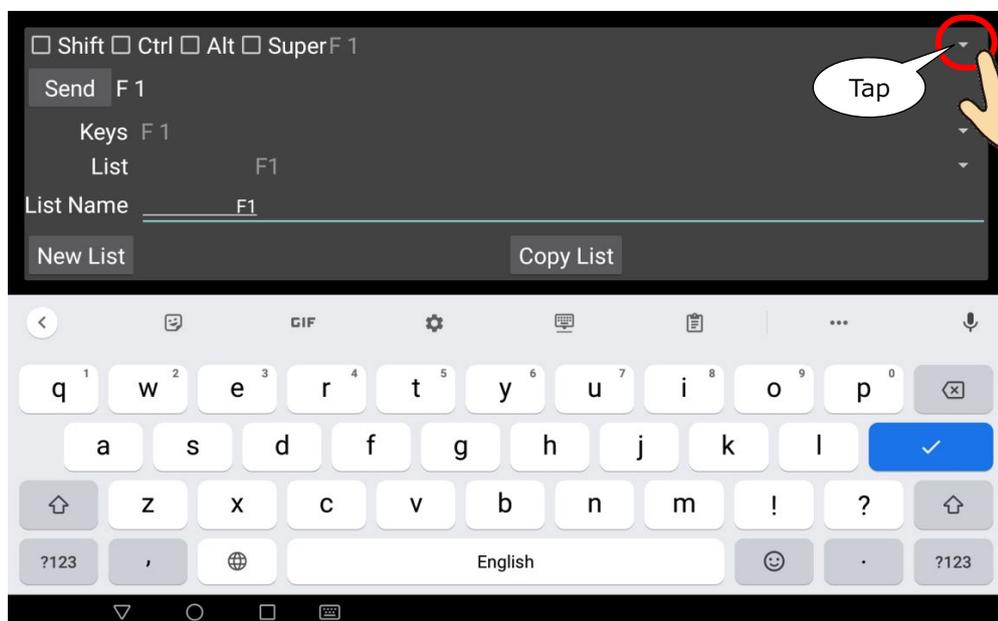
VNC Client Keyboard	V9 Function Switch
F1	F1
F2	F2
F3	F3
F4	F4
F5	F5
F6	F6
F7	F7
F8	SYSTEM

<How to press the SYSTEM key using the Send Key feature>

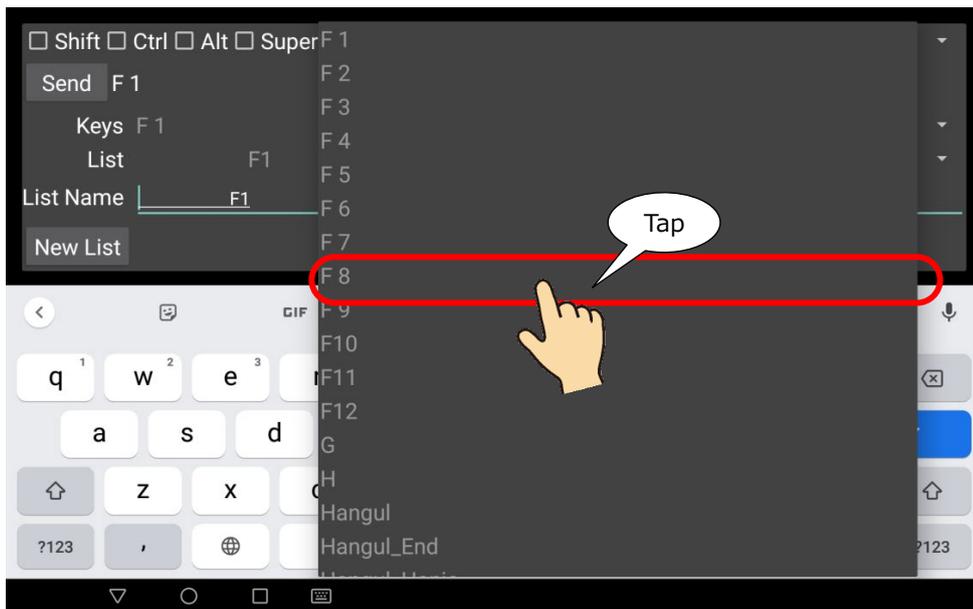
- 1 Tap the screen to open the transparent menu below. Tap the three dots icon. The settings menu appears. Tap "Send Keys".



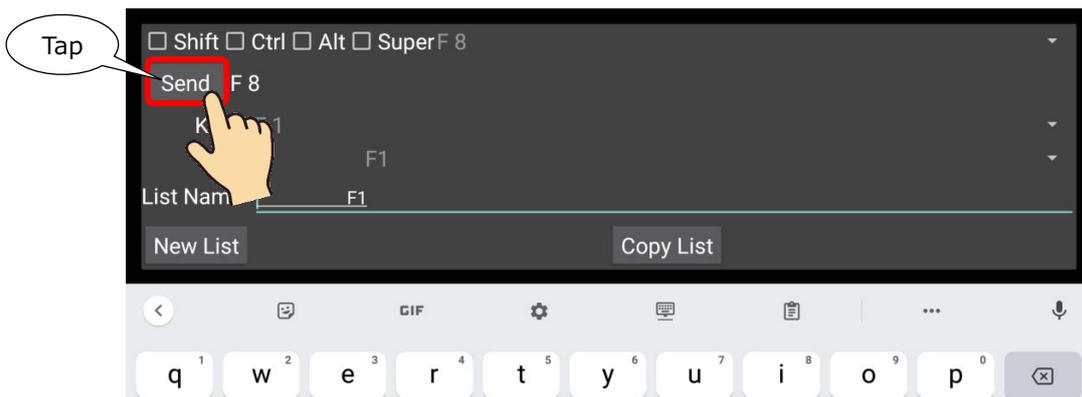
- 2 The following screen appears. Tap the button to open the pull-down menu.



3 The following pull-down menu appears. Scroll to select "F8".



4 Tap "Send" while "F8" is being selected.



5 The V9's SYSTEM menu appears on the screen.



5.4 Multilingual menu

The menu can be displayed in 5 languages.

(English, Japanese, Korean, Chinese simplified, and Chinese traditional)

The display language automatically switches following the language settings of the Android tablet.

(e.g. Chinese simplified)



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