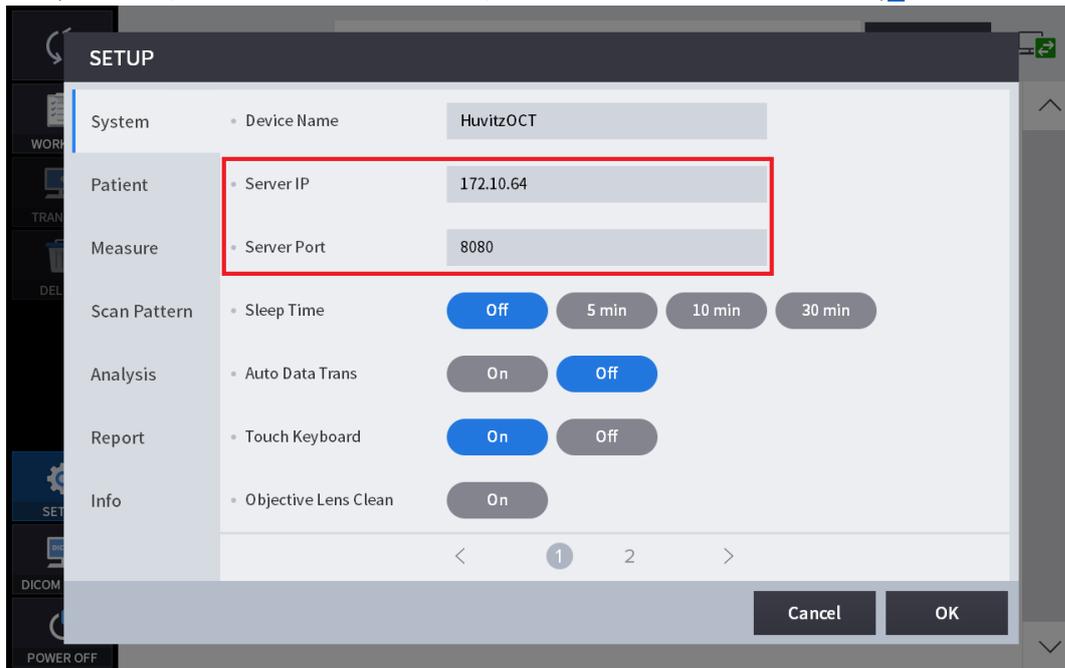


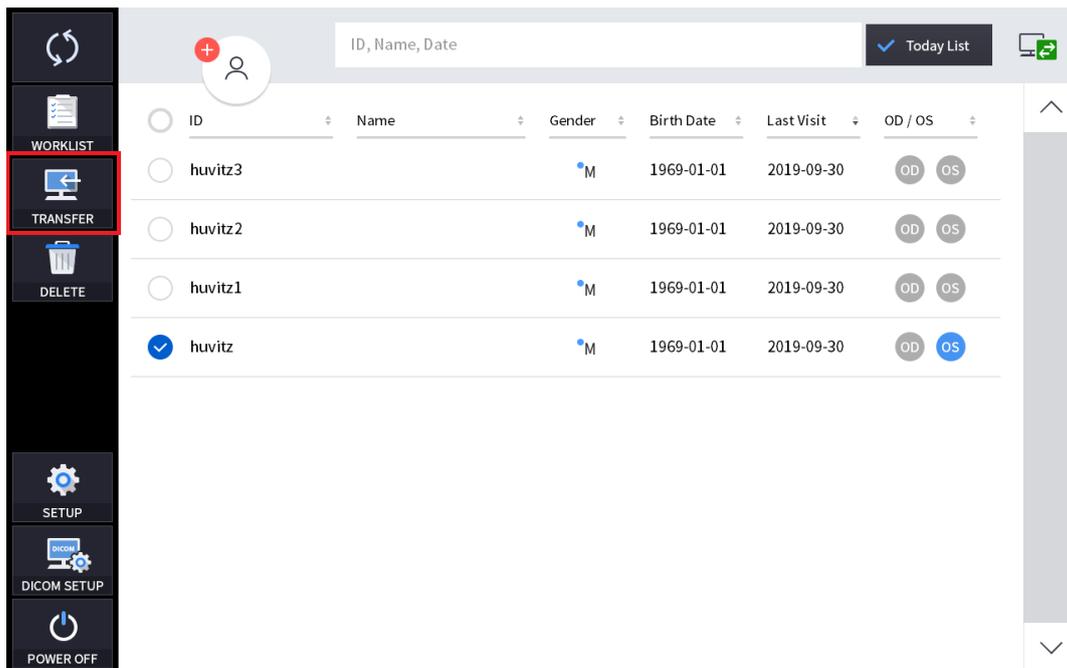
Transmit data to Web-viewer

1.1 HOCT-1/1F

- 1 Fill in Server IP and Server Port information on [SETUP]-[System].
(Server IP, it means local IP address, where Web-Viewer is installed.)



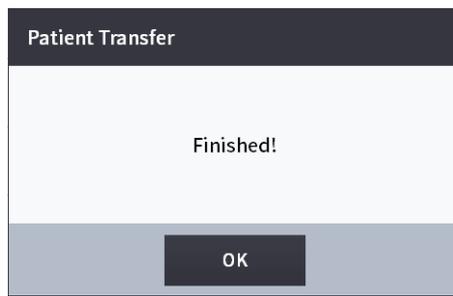
- 2 Select patients in the Patients List. And Clicking 'TRANSFER' button, send all of the patient data.



- 3 Select data in Data List. And Clicking 'TRANSFER' button, send the data.

The screenshot displays a medical software interface. At the top, there is a patient information form with fields for Patient ID (huvitz), Name, Gender (M), Birth Date (1969-01-01), and Ethnicity. Below this, there are fields for Refraction (OD 0.00, OS 0.00), Operator, and Physician, along with an EDIT button. The main area is divided into two columns, OD and OS, each containing a grid of OCT scan images. The second image in the OD column is highlighted with a blue border. A vertical sidebar on the left contains navigation buttons: MEASURE, ANALYZE, DELETE, and TRANSFER. The TRANSFER button is highlighted with a red border.

4 When it succeeded to send data, the following message box popped up on the window.



1.2 HIS-5000

- 1 Open the Setup window. Fill in WebServer setting and save the setting.

The screenshot shows the 'Application Setup' dialog box. The 'WebServer' section is highlighted with a red border. It contains the following fields:

- ServerIP: 172.10.64
- ServerPort: 8080

Other sections visible in the dialog include:

- Patient List:** Radio buttons for 'Since' (selected, 3 month) and 'Initial Period'. Date pickers for 'From' (2018-07-12) and 'To' (2019-07-12). Dropdowns for 'Patients Max' (100), 'Order By' (Regist Date), 'Sort By' (Ascending), and 'Patient Label' (Name (Patient ID)).
- Print Image:** Paper Size (A4), Margins (Left, Right, Top, Bottom: 0.00), Image Size Ratio (100), Horizontal Align (Left), Vertical Align (Top).
- Image Display:** Radio buttons for 'Normal Resize (Faster)', 'Resample' (selected), and 'Bicubic (Slower)'.
- Security:** 'Enable Password' checkbox.
- Language:** 'Language' dropdown (English).
- Camera & Lighting:** 'Camera' dropdown (5M Camera(USB3.0)), 'Lighting' dropdown (Halogen).
- Joystick:** 'Serial Port' dropdown ((Disable)).
- Capture File Location:** Text field (C:\Program Files (x86)\Huvitz\HIS-5000U\Wcap) and 'Change' button.
- Dicom:** 'Save DCM File' dropdown (NO).

(Server IP, it means local IP address, where Web-Viewer is installed.)

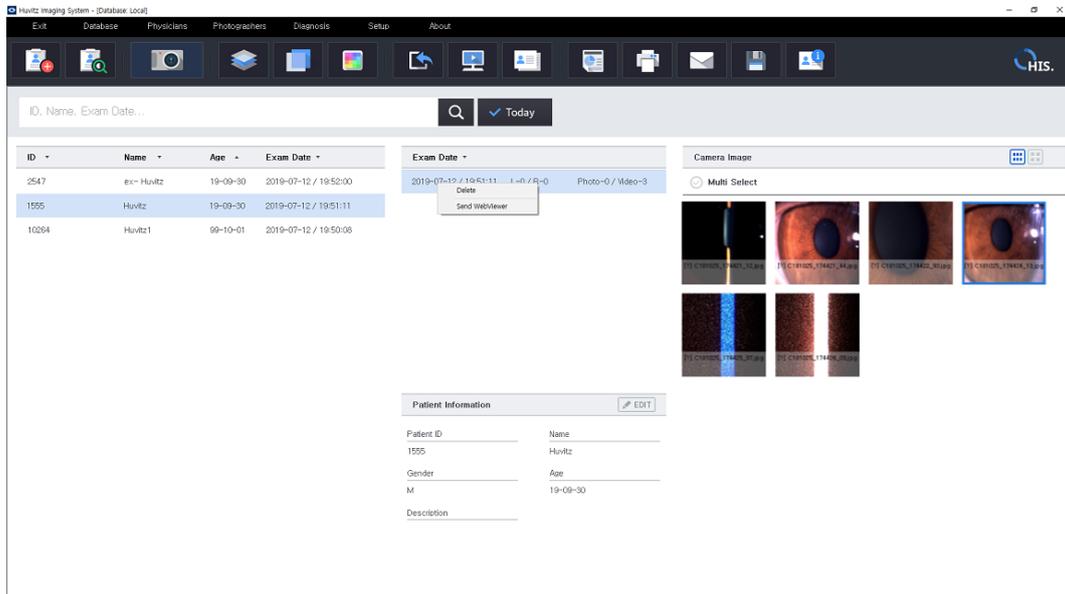
- 2 Select a patient in the Patients List. And Using mouse right click, select 'Send WebViewer'. Then, all of the patient data is sent.

The screenshot shows the main interface of the HIS-5000 system. The 'Patients List' table is visible, with the patient ID 10264 selected. A context menu is open over the selected patient, showing the option 'Send WebViewer'. The patient information for ID 10264 is displayed below the table:

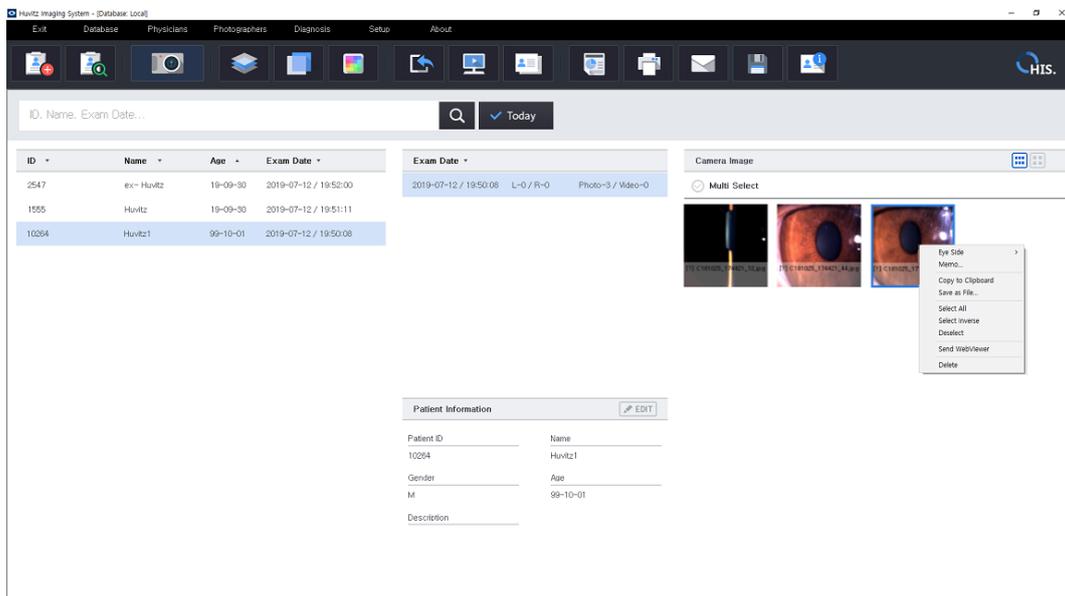
Patient Information	
Patient ID	Name
10264	Huvitz1
Gender	Age
M	99-10-01
Description	

The interface also shows a 'Camera Image' section with several thumbnail images of the patient's eye.

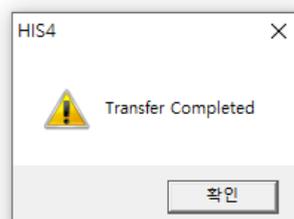
- 3 Select data in the Exam Date List. And Using mouse right click, select 'Send WebViewer'. Then, all of the data (which was taken in same day) is sent.



- 4 Select data in the Data List. And Using mouse right click, select 'Send WebViewer'. Then, the data is sent.



- 5 When it succeeded to send data, the following message box popped up on the window.

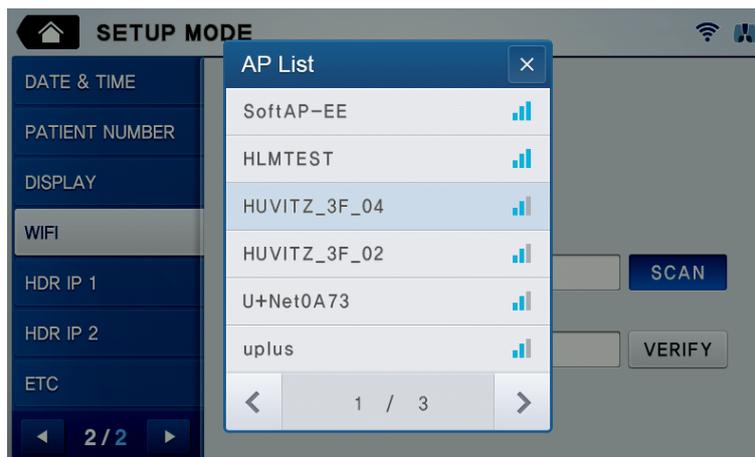


1.3 HRK-9000

1 WiFi Network Setting for ref/keratometer



Select WiFi on SETUP MODE. And Turn on WiFi to use transmission function, Set TRANSFER TYPE to set up data transmission method.

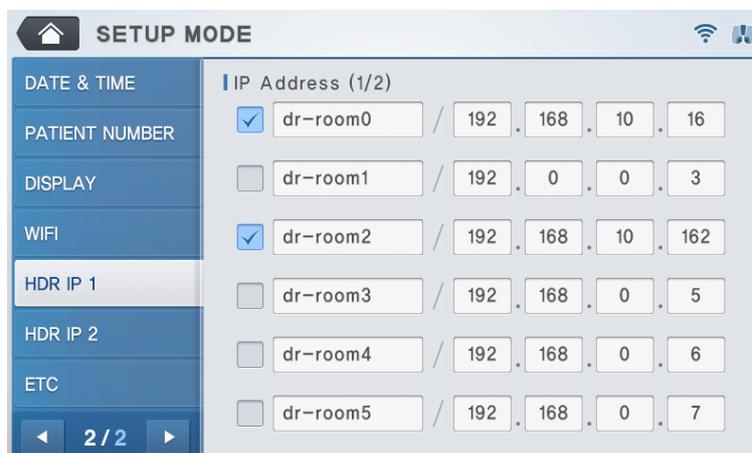


Press on the AP SSID entry window to enter SSID. When SSID is not known, press SCAN button on the right to select from available AP SSID.



Press on the AP PASSWORD entry window to enter password. Press VERIFY button on the right to confirm the password. Password verification takes up less than 10 seconds, and the result will be shown on the screen.

2 Web-Viewer Connection Setting for ref/keratometer



Select HDR IP 1 or HDR IP 2 on User SETUP Mode page 2. And Enter information for Server IP (where Web-Server is located).

- : Select if transfer the data to Web-Viewer.
- : Enter a name for the Web-Viewer.
- . . . : Enter the Web-Viewer Server IP address.

3 Check Network Status

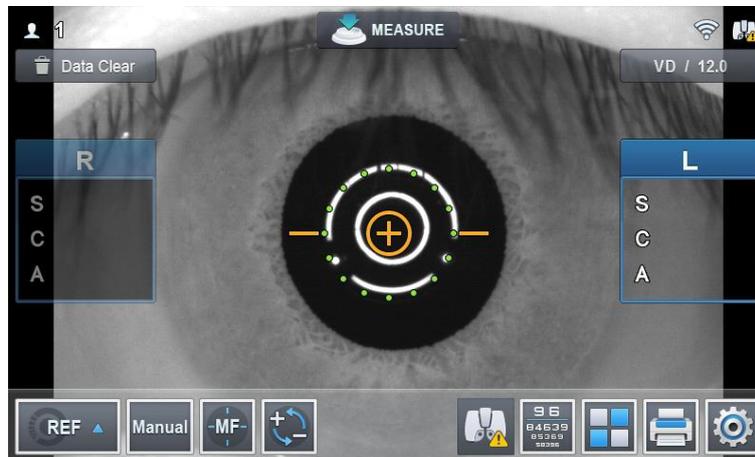
Current WiFi network status can be checked through the icons on the upper right of the screen.

- (1)  : Connected to AP normally.
- (2)  : Not connected to AP.
- (3)  : AP connection process is in progress.
- (4)  : Connected.
- (5)  : Connection failure.
- (6)  : Connection process is in progress.

For user convenience, the machine will operate to make attempts to connect to AP automatically while the power is on if it is not connected to AP. Thus, user does not have to go through the AP connection process.

Also, the machine is set to make attempts to connect automatically after connecting to AP.

If there is a connection failure after automated connection attempt or if there is a connection error during operation,  button will appear on the bottom of the main measurement mode screen.



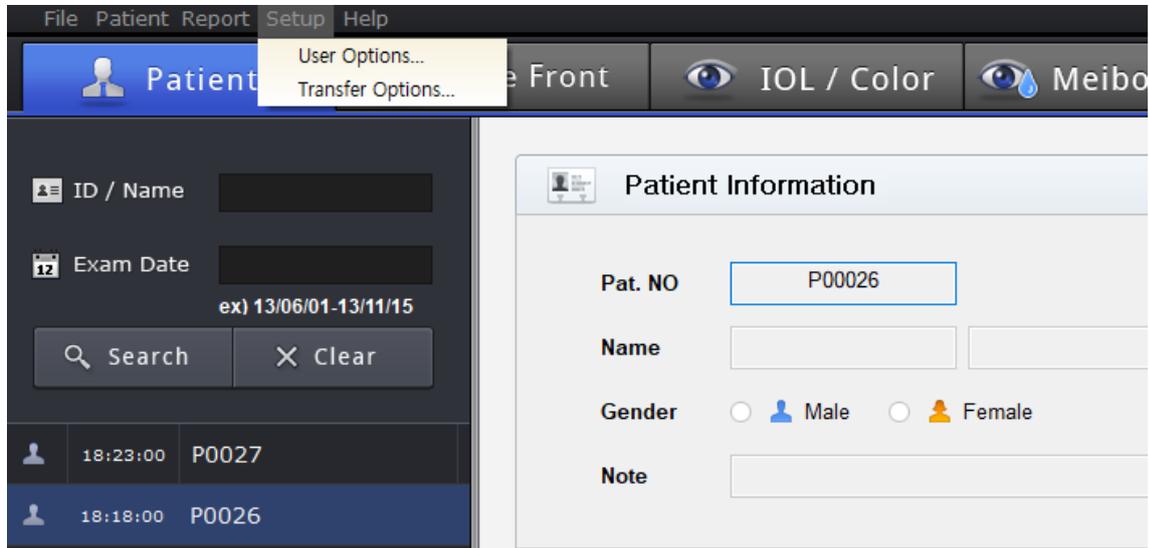
Pressing the button will bring up the connection status screen.

4 Transmit the data to Web-Viewer

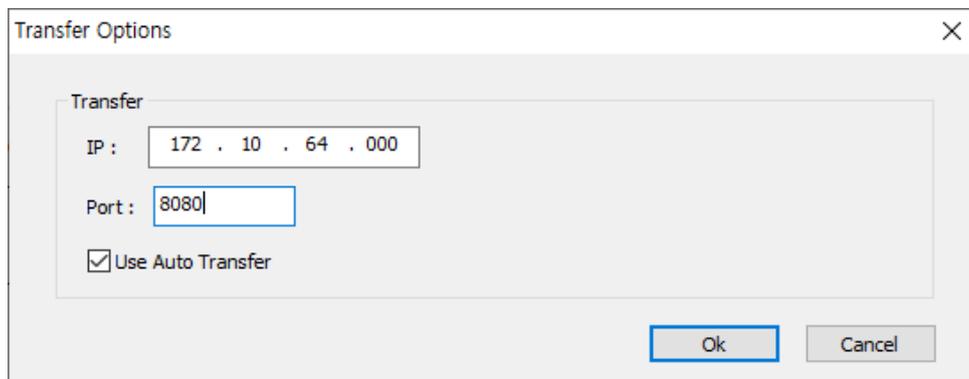
Click the 'Print' button () . Then, its data is immediately transmitted to Web-Viewer.

1.4 HRK-Mate

- 1 Open [Transfer Options..] in Setup



- 2 Fill in Transfer information (IP, Port), check 'Use Auto Transfer'. And save its setting. (Server IP, it means local IP address, where Web-Viewer is installed.)



Then, it transfers the data to web-viewer, as HRK-Mate program receive the data from HRK device.

1.5 HDR-9000

- 1 Clicking Shift button, select Settings on Home Menu. And turn on Connection on Communication tab.

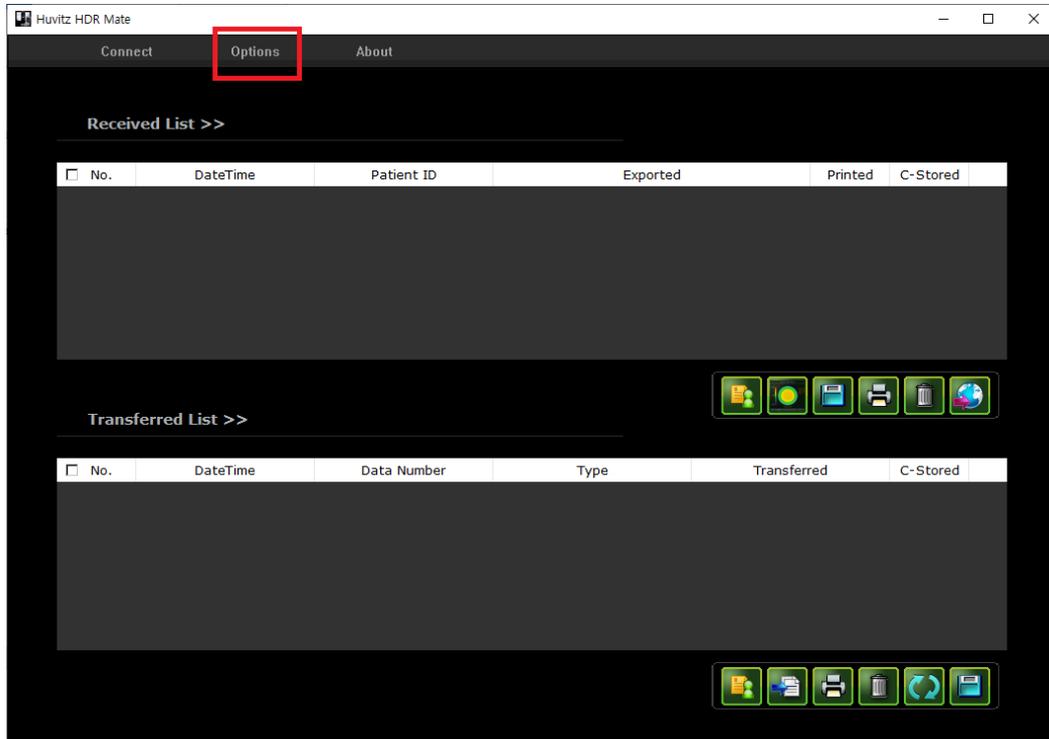
The screenshot shows the 'WIFI CONNECTION' settings page. The 'Connection' toggle is set to 'ON'. The 'AP Name (SSID)' and 'AP Password' fields are empty. The 'DHCP' radio button is selected, and the IP address is set to 172.10.73.42, Subnet Mask to 255.255.0.0, and Default Gateway to 172.10.255.254. The page includes a navigation menu on the left with 'Communication' selected, and a bottom bar with 'RESET', 'EXPORT', 'OK', and 'CANCEL' buttons.

- 2 Set 'Send WebViewer' to 'YES'. And Fill in WebViewer IP Address and Port

The screenshot shows the 'WIFI CONNECTION' settings page. The 'Send WebViewer' toggle is set to 'YES'. The 'WebViewer IP Address' is set to 172.16.4.60 and the 'WebViewer Port' is set to 8080. The page includes a navigation menu on the left with 'Communication' selected, and a bottom bar with 'RESET', 'EXPORT', 'OK', and 'CANCEL' buttons.

1.6 HDR-Mate

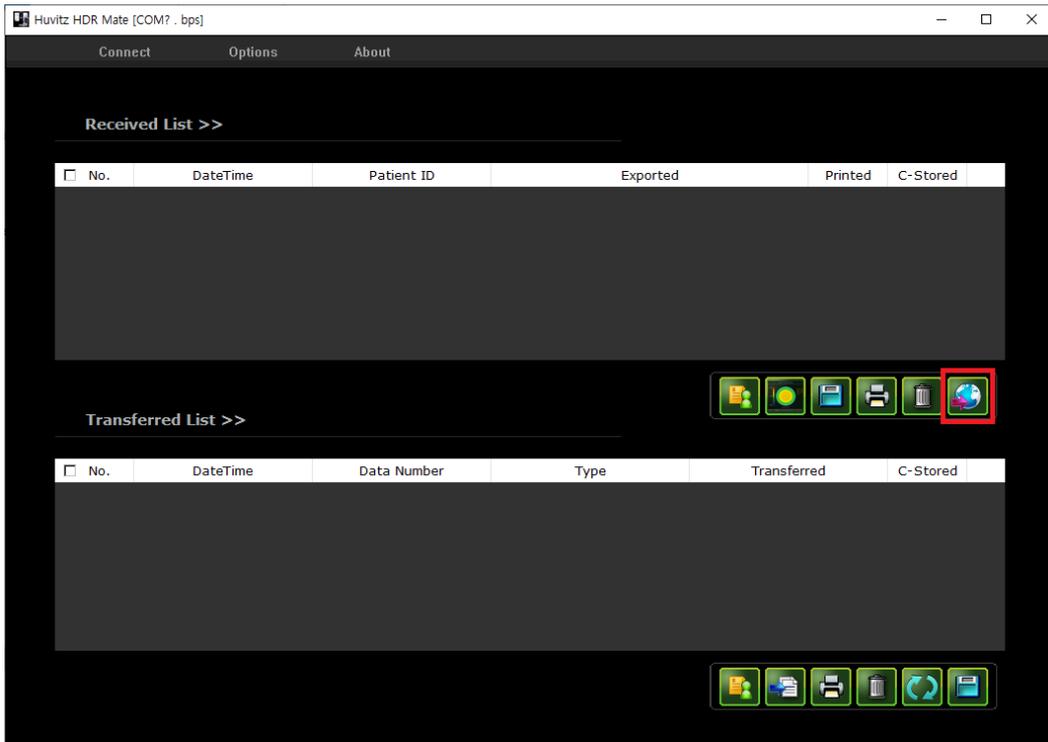
- 1 Fill in [Web Viewer Option] in [Options]-[Data Receiving&Transfer].



Web Viewer Option

Host	<input type="text"/>
Port	<input type="text"/>

- 2 Select patient data in Received List.



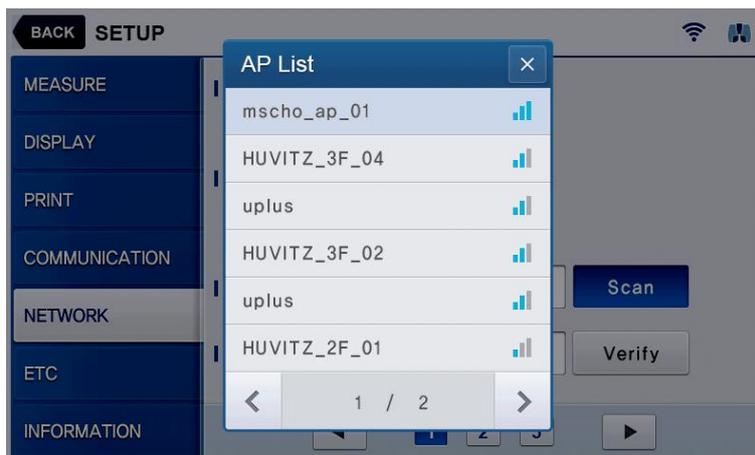
- 3 Click  button to send selected data.

1.7 HLM-9000

4 WiFi Network Setting



Select NETWORK on SETUP MODE. And Turn on WiFi to use transmission function, Set TRANSFER TYPE to set up data transmission method.



Press on the AP SSID entry window to enter SSID. When SSID is not known, press SCAN button on the right to select from available AP SSID.



Press on the AP PASSWORD entry window to enter password. Press VERIFY button on the right to confirm the password. Password verification takes up less than 10 seconds, and the result will be shown on the screen.

5 Web-Viewer Connection Setting

MEASURE	<input checked="" type="checkbox"/>	dr-room0	/	192	.	168	.	11	.	121
DISPLAY	<input type="checkbox"/>	dr-room1	/	192	.	168	.	10	.	148
PRINT	<input type="checkbox"/>	dr-room2	/	192	.	168	.	11	.	16
COMMUNICATION	<input type="checkbox"/>	dr-room3	/	192	.	168	.	10	.	14
NETWORK	<input type="checkbox"/>	dr-room4	/	192	.	168	.	15	.	8

Select NETWORK page 2 on User SETUP Mode. And Enter information for Server IP (where Web-Server is located).

- : Select if transfer the data to Web-Viewer.
- : Enter a name for the Web-Viewer.
- . . . : Enter the Web-Viewer Server IP address.

6 Transmit the data to Web-Viewer

Click the 'Print' button () . Then, its data is immediately transmitted to Web-Viewer.