ICOM

INSTRUCTIONS

APPLICATION SOFTWARE

ST-ID50W

This software is used to crop an image used for the Share Picture function of the ID-50A/ID-50E transceiver, transfer images to the transceiver, and view the received image.
• Photos saved on the Windows PC can be converted into the format used for the Share Picture function of the D-STAR transceiver.
• You can crop the image and enter text such as a call sign.
• The cropped image can be transferred to a D-STAR transceiver.
• You can load and view the received image.
• You can also save the cropped image as a file.

System requirements

Operating system:
Windows 11 (64 bit)
Windows 10 (32/64 bit)
ⓘ Except for Windows on ARM
ⓘ This instruction document is based on ST-ID50W version 1.00 and Windows 10. Display indications may differ, depending on the PC's OS.

USB port:
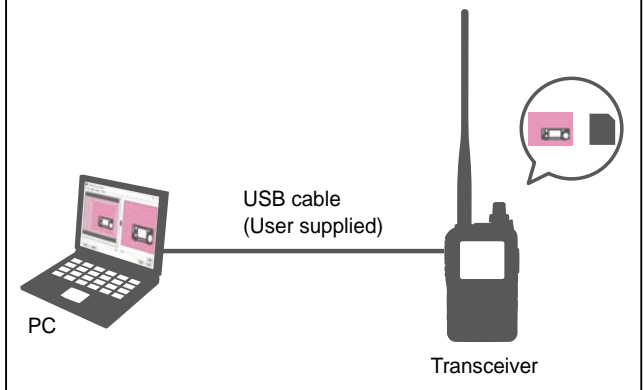A USB 1.1, 2.0, or 3.0 port

USB cable (User supplied):
USB Type-C Cable (Data communication compatible)
ⓘ Use a proper cable according to your PC's USB port.

To transfer a picture to the transceiver:
With this software, you can transfer a picture to the transceiver through a USB cable. The transferred picture is saved on the microSD card that is inserted into the transceiver.
ⓘ Confirm a microSD card is inserted to the transceiver.

PC

USB cable
(User supplied)

Transceiver

NOTE: Confirm the USB connect setting is set to "Serialport" in the Set mode before using the USB cable. ([MENU] > SET > Function > **USB Connect**)

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This product includes "Native-Floyd-Steinberg-Dithering" open source software, and is licensed according to the open source software license.
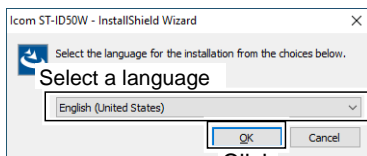Refer to the "About the Licenses" page at the end of this manual for information on the open source software being used in this product.
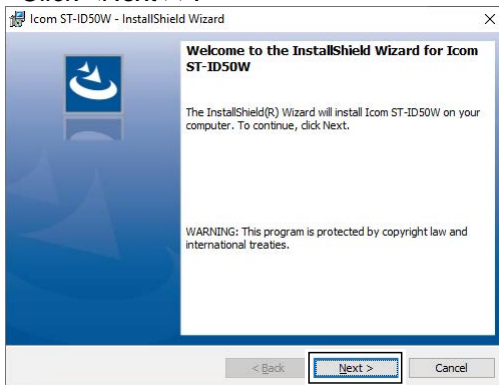
Installation

To install:
- Confirm Windows has completed its startup.
- Sign in as the **administrator**.
- Be sure no other applications are running.

1. Unzip the file downloaded from the Icom website. (*https://www.icomjapan.com/support/firmware_driver/*)

2. Double-click the executable file in the unzipped folder.
   ⓘWhen "User Account Control" is displayed, click <Yes> to continue.
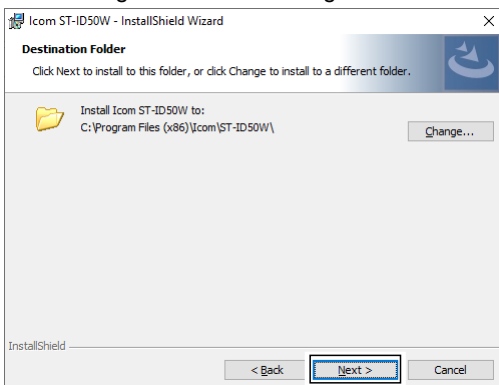
3. Select a language, and then click <OK>.
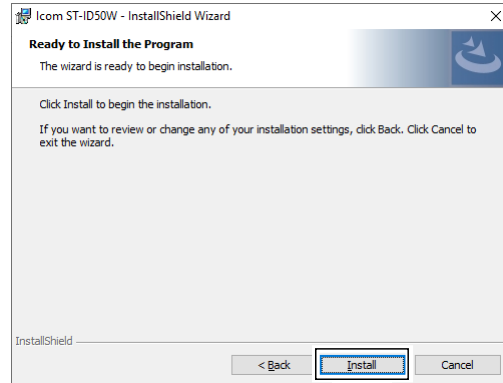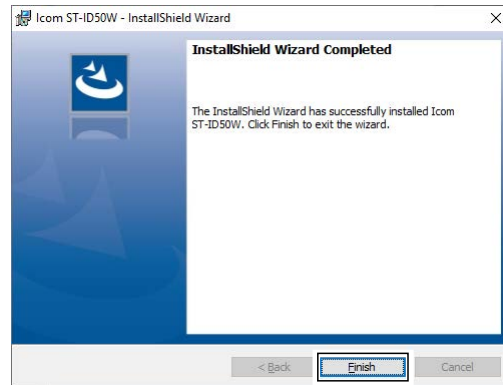
   > Icom ST-ID50W - InstallShield Wizard ✖
   > Select the language for the installation from the choices below.
   > Select a language
   > English (United States) ▾
   > OK   Cancel

   Click

4. Click <Next >>.

   > Icom ST-ID50W - InstallShield Wizard ✖
   > Welcome to the InstallShield Wizard for Icom ST-ID50W
   > The InstallShield(R) Wizard will install Icom ST-ID50W on your computer. To continue, click Next.
   > WARNING: This program is protected by copyright law and international treaties.
   > < Back   Next >   Cancel

   Click

5. Click <Next >>.
   ⓘTo select another destination folder, click <Change...> before clicking <Next >>.

   > Icom ST-ID50W - InstallShield Wizard ✖
   > Destination Folder
   > Click Next to install to this folder, or click Change to install to a different folder.
   > Install Icom ST-ID50W to:
   > C:\Program Files (x86)\Icom\ST-ID50W\   Change...
   > InstallShield
   > < Back   Next >   Cancel

   Click

6. Click <Install>.

   > Icom ST-ID50W - InstallShield Wizard ✖
   > Ready to Install the Program
   > The wizard is ready to begin installation.
   > Click Install to begin the installation.
   > If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard.
   > InstallShield
   > < Back   Install   Cancel

   Click

7. Click <Finish>.

   > Icom ST-ID50W - InstallShield Wizard ✖
   > InstallShield Wizard Completed
   > The InstallShield Wizard has successfully installed Icom ST-ID50W. Click Finish to exit the wizard.
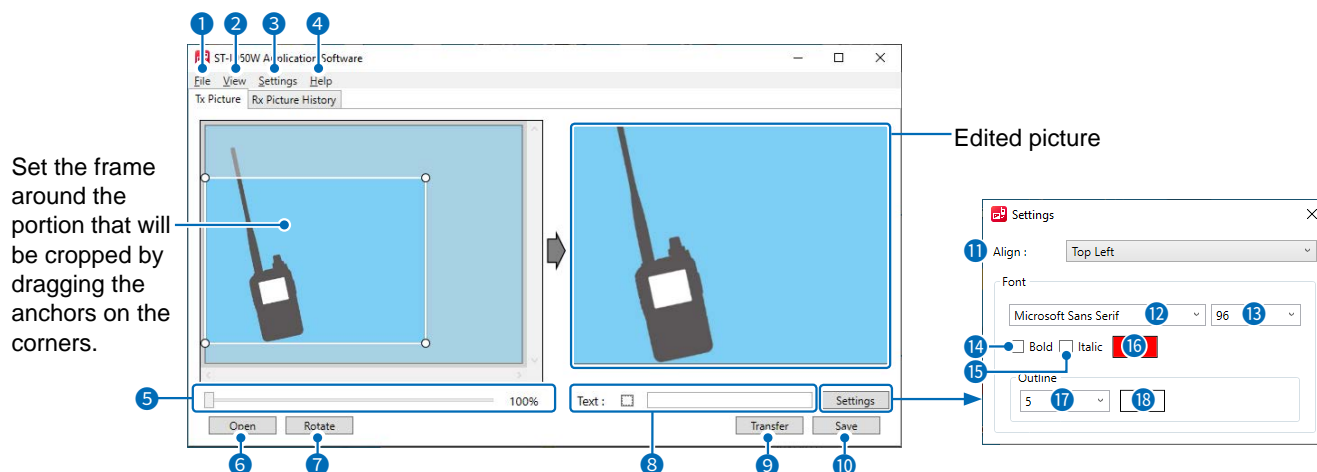   > < Back   Finish   Cancel

   Click

- The "ST-ID50W" file is created in the Windows Start menu, and a shortcut icon is created on the desktop.
ⓘ Double click the icon to open the software.

> Icom ST-ID50W Image Photo

NOTE: To uninstall, use the "Apps & features" in the "System" menu.
To get started, click on Start > Settings > Apps > Apps & features.

Operating screen

Set the frame around the portion that will be cropped by dragging the anchors on the corners.

Edited picture

◇ Top menu

❶ File

Open (Ctrl+O):
Click to open a picture file.

Save (Ctrl+S):
Click to save the picture in the "jpg" and "dat" formats.

Exit:
Click to close the software.

❷ View

Language:
Click to select the language to be displayed on the Language list screen.

❸ Settings

Com Port:
Click to open the COM port number that the transceiver is connected to.
ⓘ Click "▼" to display the COM ports on a drop-down list.
ⓘ Click <Search> to search the COM port that the transceiver is connected to.
ⓘ See the "USB DRIVER INSTALLATION GUIDE" on the Icom website for details of checking the COM port number.

Auto Saving of TX Picture...:
Click to open the Auto Saving of TX Picture window.
ⓘ Enter a checkmark to the check box to automatically saves the transferred picture on the PC.
ⓘ You can change the destination to save the picture. The file name is automatically set in the following format: YYYYMMDD_hhmmss.jpg
(YYYY: Year, MM: Month, DD: Day, hh: hour, mm: minute, ss: second)

❹ Help

About:
Click to open the About window and displays the version number and license statements.

◇ TX Picture tab

Click to display the TX Picture Edit screen.

❺ Zoom bar
Click to zoom in or zoom out the picture.

❻ Open
Click to open the picture that you want to edit.

❼ Rotate
Click to rotate the picture clockwise. The picture turns 90 degrees.

❽ Text
Enter the text you want to add to the picture.

❾ Transfer
Click to transfer the picture to the transceiver.

❿ Save
Click to save the edited picture on the PC in the "jpg" and "dat" formats.

Settings:
Click to display a window to set the entered text.

⑪ Align
Select the display position of the text.

⑫ Font
Select the font.

⑬ Size
Select the font size of the text.

⑭ Bold
Select whether or not to make the text bold.

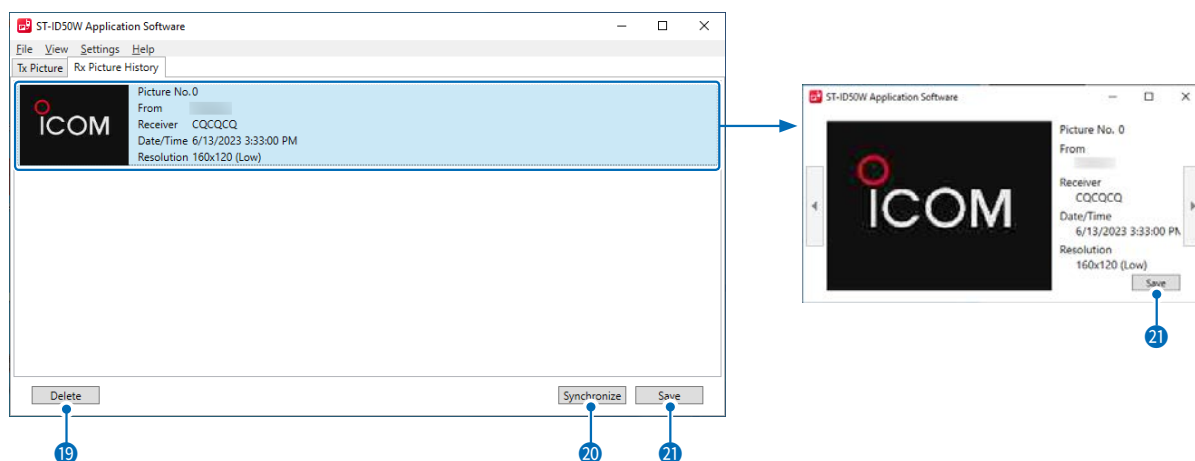### ⑮ Italic
Select whether or not to make the text italic.

⑯ Color
Select the text color.

⑰ Outline
Select the outline width of the text.

⑱ Outline Color
Select the outline color of the text.

◇ RX Picture History tab

Double-click on a history to display the Details window.

⑲ Delete

Click to delete the selected history.
ⓘ The received picture data on the microSD card is not deleted.

⑳ Synchronize

Click to load the received pictures from the transceiver.
ⓘ The transceiver saves only the latest 50 pictures. The older than that will be deleted. Load them into the PC before they are deleted, if necessary.

㉑ Save

Click to save the selected picture on the PC in the "jpg" format.

Operation

Cropping a picture

1. Select the TX Picture tab.
   - The Picture Transfer screen is displayed.
2. Click <Open>.
   - The Select Picture screen is displayed.
   - ⓘ You can also select the picture by dragging and dropping it from a folder.
3. Select the picture to edit.
4. Set the frame around the portion that will be cropped by dragging the anchors on the corners.
   - The edited picture is displayed on the right side.

Adding a text to the picture

1. Select the TX Picture tab.
   - The Picture Transfer screen is displayed.
2. Enter a text.
   - ⓘ Enter a checkmark to the check box on the left side of the text box.
3. Click <Settings>.
4. Set the text font, size, color, and so on.
   - ⓘ See page 3 for the details.

Saving the picture on the PC

1. Select the TX Picture tab.
   - The Picture Transfer screen is displayed.
2. Click <Save>.
   - The Save as window is displayed.
3. Select the destination to save the picture.
   - ⓘ The picture is saved in the "jpg" and "dat" formats.
   - ⓘ The software automatically saves the transferred picture if "Auto Saving of TX Picture" is enabled (p. 3).

> **TIP:** Saving the "dat" format file to the "Picture" folder in the microSD card enables selecting the picture on the transceiver.

Transferring the picture to the transceiver

1. Select the TX Picture tab.
   - The Picture Transfer screen is displayed.
2. Click <Transfer>.
   - The Send Picture window is displayed.
   - ⓘ Rename the file name, if necessary.
   - ⓘ If you change the file name, enter one of up to 23 characters.
3. Click <OK> to transfer the picture.
   - While transferring, the status is displayed.
   - ⓘ To cancel transfer, click <Cancel>.

Loading the received pictures from the transceiver

To view the received pictures, load them into the software.
ⓘ The received picture cannot be displayed on the transceiver.

1. Select the RX Picture History tab.
   - The Received Picture screen is displayed.
2. Click <Synchronize>.
3. Click <OK> on the confirmation dialog to start loading.
   - The status is displayed while loading.
   - ⓘ To cancel loading, click <Cancel>.
   - ⓘ The transceiver saves only the latest 50 pictures. The older than that will be deleted. Load them into the PC before they are deleted, if necessary.
   - ⓘ The transceiver cannot receive a picture while loading received pictures.
4. Click <OK> on the dialog.
   - The loaded pictures are displayed.

Saving the received picture to the PC

1. Double-click to select a picture to save.
   - The received picture detail is displayed.
2. Click <Save>.
   - The Save as window is displayed.
3. Select the destination to save the picture.
   - ⓘ The file name is automatically set in the following format: PicYYYYMMDD_"The caller's call sign".jpg (YYYY: Year, MM: Month, DD: Day).

> **NOTE:**
> If you cannot transfer the picture, check the following:
>
> **On the transceiver:**
> - The transceiver is turned ON.
> - The transceiver's firmware is the latest version.
> - A microSD card is inserted into the transceiver.
> - The transceiver is in a normal operating mode.
>   - ⓘ The transceiver cannot receive the picture in special modes, such as the clone mode, firmware update mode, import or export mode, or setting save mode.
> - "USB Connect" in the Set mode is set to "Serialport." ([MENU] > SET > Function > **USB Connect**)
>
> **On the PC:**
> - The transceiver is connected through the USB cable.
> - The COM port number that the transceiver is connected to is selected.
>
> **USB cable:**
> - The cable is usable for data transfer and not for charging only.

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LibJpeg.Net

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NOTE:
This software is based in part on the
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Native-Floyd-Steinberg-Dithering

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