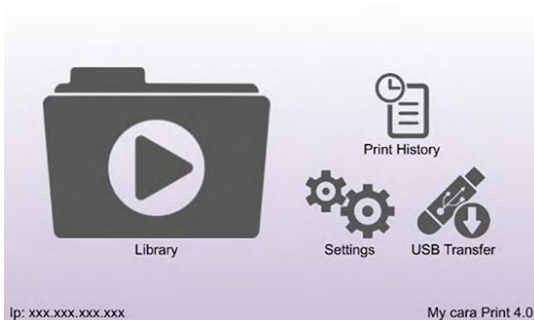


Connecting to a Network

Networked Configuration

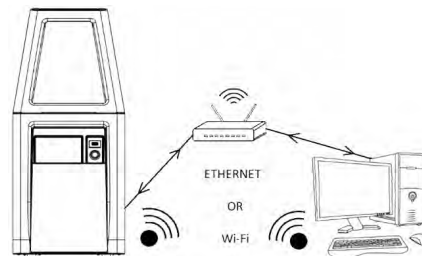
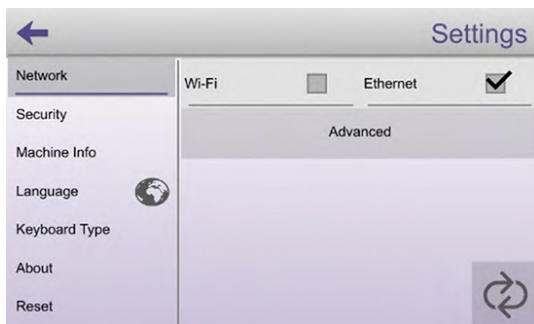
The **cara Print 4.0** can be networked with a computer or laptop through a common router to transfer files directly from the CAM to your printer.


Primary Menu



This screen on the printer is the main starting point for all actions and inputs for the operator. From here, the screens for starting a print, transferring files, changing the settings, and viewing the printer's history can all be accessed.

Wi-Fi/Ethernet Selection



To select your preferred method for connecting, press the **Settings**  icon on the **Primary Menu** screen. The touchscreen will display the Settings Menu.

Select either **“Wi-Fi”** or **“Ethernet”** by touching the box to the right of whichever network connection type is desired. Initializing the printer for the selected network connection type may take a few moments. Once the network connection type has been initialized, the operator may press the **Advanced** field on the touchscreen to display additional information about the network connection type that was selected.

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Advanced Ethernet Network Connection

Field	Value
Auto (DHCP)	<input type="checkbox"/>
IP	192.168.2.90
Gateway IP	192.168.2.1
Subnet Mask	255.255.255.0
Mac Address	c0:d3:91:10:00:ad

Pressing the **Advanced** field after selecting the **Ethernet** box will display the **Advanced Ethernet Settings** screen.

Many Ethernet settings are displayed. The operator can select each setting field if desired and change them if needed. Once the proper settings are displayed, press **Apply**.



NOTE

- It is often best to press the box to the right of “Auto (DHCP)” and “Apply” to allow the network to establish the IP address.
- For Ethernet to work properly, an Ethernet cord must connect the 3-D printer to the network on which the cara Print 4.0 desktop software is running.

Advanced Wi-Fi Network Connection

If a Wi-Fi Network is selected, the **Wi-Fi Network** and **Wi-Fi Password** fields will be displayed on the Settings screen.

The operator must enter a valid Wi-Fi Network name in the **Wi-Fi Network** field.

A list of active Wi-Fi networks will be displayed if the operator presses the field to the right of **Wi-Fi Network** on the **Settings** screen. Once the desired Wi-Fi Network is found on the list, the operator can select it by touching the name on the touchscreen. The selected Wi-Fi Network will be displayed in the field to the right of **Wi-Fi Network** on the **Settings** screen.

If the network selected is a secure network, a password must be provided. To enter a password, press **Wi-Fi Password** field and enter the password.

Field	Value
Auto (DHCP)	<input type="checkbox"/>
IP	192.168.2.91
Gateway IP	192.168.2.1
Subnet Mask	255.255.255.0
Mac Address	c0:d3:91:1d:e3:41

By selecting **Advanced** on the **Settings** screen, the **Advanced Wi-Fi Settings** screen will be displayed.

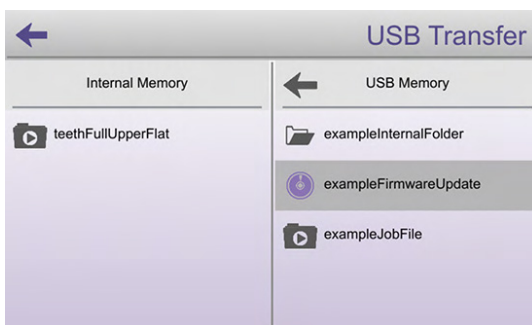
On this screen, the operator may manually enter the IP address, the Gateway IP address and the Subnet Mask.



NOTE


- Instead of manually entering the addresses and information in the setting fields, it is often best to press the box to the right of “Auto (DHCP)” and “Apply” to allow the network to establish the IP addresses.
- For Wi-Fi to work properly, there must be a wireless network to which the printer can connect. Additionally, the desktop software must be running on a computer that is connected to the same network.

Adding a Print Object Via USB Device



Print objects can be added to the **cara Print 4.0** printer via USB Device whether the printer is being used in either the “**Stand Alone**” or “**Networked**” Configuration.

Insert a USB Device in the USB port on the front of the **cara Print 4.0** printer.

Press the **USB Transfer**  icon on the **Primary Menu** screen. The touchscreen will display the **USB Transfer Menu**. Files that are located on the USB drive will display under **USB Memory**. Select the file to transfer. A pop-up menu will ask if you want to transfer the selected file. Select “**Yes**”.