**Connecting OnColor to a Konica Minolta (K M) instrument using an Adhoc Network.**

Connecting to an Adhoc network treats the instrument as your router. Therefore, if using an Adhoc connection the computer will not have access to the Internet unless you have two network cards.

You must install the Configuration Tool CM-CT1 from Konica Minolta. It is located on the OnColor distribution media in the following folder:

\Support\Konica-Minolta\Bluetooth and Wi-Fi Connection\CM-CT1\

Please run SETUP.EXE in that folder to install the CM-CT1 Configuration Tool.

Once CM-CT1 is installed, please run it and connect to the desired instrument using a USB connection. If you are having problems connecting to the instrument, please see the documentation provided for CM-CT1.

Once connected to the instrument, go to the Wireless Settings tab and then to the Adhoc sub-tab as shown below:

A screenshot of a computer

Description automatically generated

Leave the Security Settings WPA2-PSK(AE5) unless you have reason to change it. You need to set an Authentication Key for the Adhoc connection. It is an 8-digit code. This example used the default 12345678 Key. Next set the IP Address to 192.168.10.1 and the Subnet Mask to 255.255.255.0. Then hit the Connect Test button.

The CM-CT1 application will write the necessary information to the K M Instrument, then give you the following prompt:

A screenshot of a computer error message

Description automatically generated

Follow the steps shown in this dialog.

First disconnect the USB cable from the instrument.

Then go into the Settings menu on the instrument and click on the Communication Setup option. Then click on Wireless Setting and change it to Adhoc. Also check the WLAN info. Option. The screens should look as below:

A screen shot of a device

Description automatically generatedA screen shot of a phone

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Once you have verified the instrument settings, next connect to the instrument’s Wi-Fi. As mentioned earlier, the instrument acts as your router.

In your Windows Seach box, enter Wi-Fi and you should see “Wi-Fi Settings”. Click that to bring up the “Network & internet > Wi-Fi page”. Click to expand the Show available networks list and select your K M instrument, which should appear in that list.

See the Windows 11 example below. Other Windows operating systems may look different, but you should see your K M instrument as an available network.

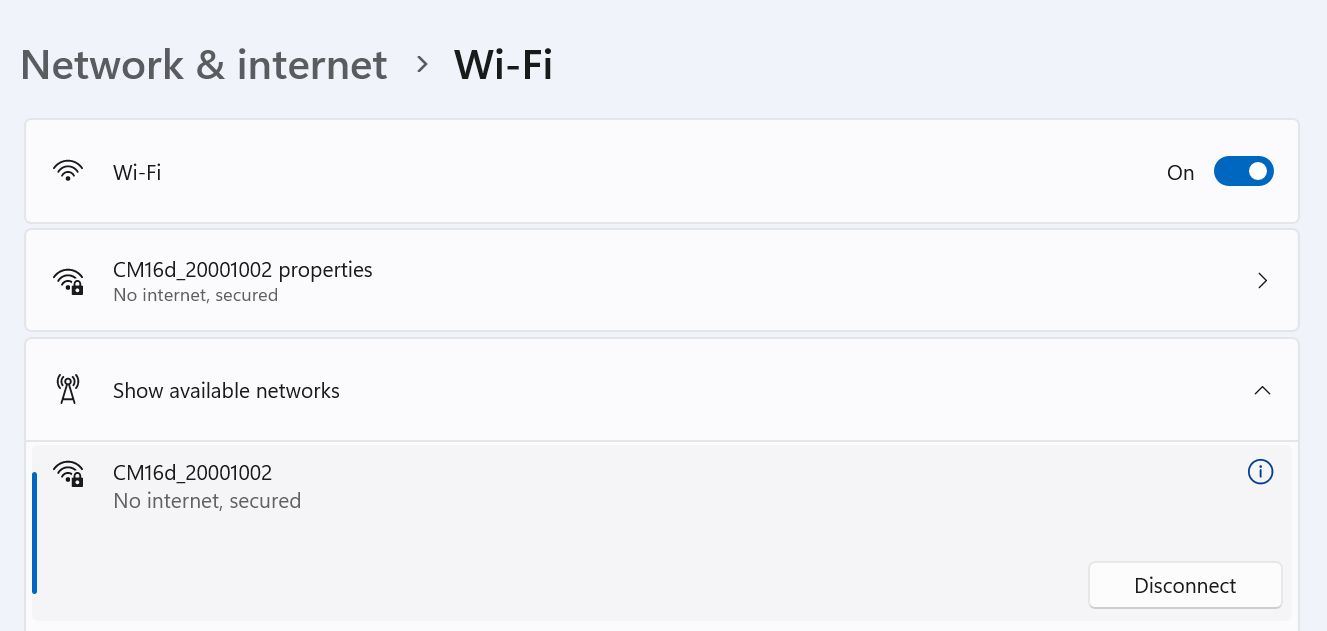
In this example the network is called “CM16d\_20001002”.

Select that network and hit the Connect button.

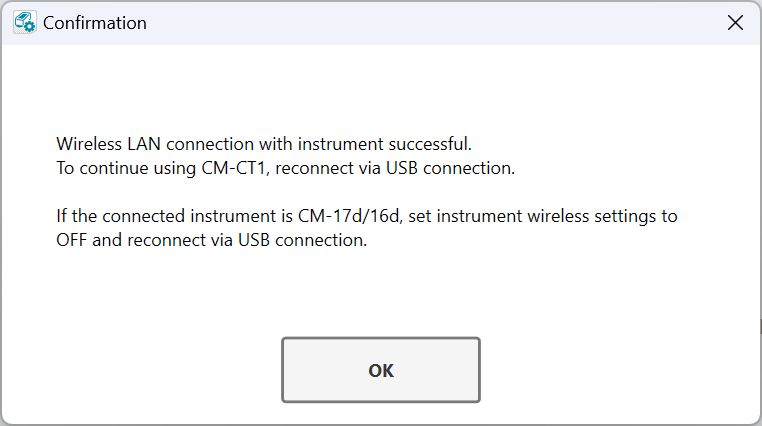
A screenshot of a computer

Description automatically generated

After clicking the Connect button, you will be prompted for the Authentication Key, input the Key you set in CM-CT1, in this case 12345678 and you should see that you have connected to the K M instrument. It tells you that there is no internet, and the connection is secured.



Now you can go back to the CM-CT1 application and hit the OK button, and you should see the following message:



Once CM-CT1 has successfully connected to the instrument, you can close that application and open OnColor.

Select Communications from the Options menu in OnColor. Then select the K M instrument to which you are trying to connect.

OnColor will first try to connect using USB, if that fails, OnColor will try to connect using an IP address. If that fails, you will see the following dialog:

A screenshot of a computer

Description automatically generated

Check which methods you would like to use to connect to the instrument. If you check both methods, OnColor will first try to connect using USB, if that fails OnColor will try to connect using the IP address shown. If both fail, you will get an error.

For this example, we wish to only connect using the Adhoc Wi-Fi connection we have set up, so we check only the Wi-Fi checkbox. Enter the IP address that you set in the instrument. In this case 192.168.10.1.

Once the IP address is set in OnColor, you should be able to communicate with the K M instrument using Adhoc Wi-Fi.

If you are having problems, run ipconfig in a DOS command window and you should see that your computer IP address is now 192.168.10.2. If you do not see this IP address for your computer, talk to your Network administrator.

A screenshot of a computer

Description automatically generated