CONNECTING COCO-80X TO EDM SOFTWARE

Purpose	Comprehensive guide on how to connect CoCo-80X to EDM software.
Document ID	SPT-CO-G-002
OS	Windows 7 or newer
Version	All EDM 6.0 or newer, all CoCo-80X versions

THERE ARE 5 WAYS TO CONNECT COCO-80X TO EDM SOFTWARE:

1. Ethernet One-to-One, with DHCP – [if using Remote Display, DHCP software is required]
2. Ethernet One-to-One, Static IP
3. Ethernet LAN, with DHCP
4. Ethernet LAN, Static IP
5. Wi-Fi

[NOTICE]

The CoCo-80X cannot connect to EDM via USB, because the CoCo-80X's USB connection is no longer network-based. The CoCo-80 used a network-based connection on the USB, but the CoCo-80X's USB connection is not network-based. EDM can only establish connection via network-based connections. The CoCo-80X's USB connection behaves like an external storage device. Although files can still be transferred this way, it provides limited functionality compared with network-based connections. Therefore, we do not recommend using this connection method for general purposes.
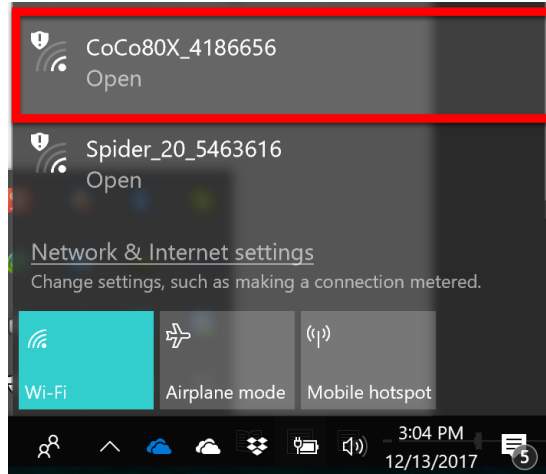
USB connection is considered a backup method should user does not have access to any network-based connection.

STEP 1: ESTABLISH PHYSICAL CONNECTION

Choose Wi-Fi, Ethernet One-to-One, or Ethernet LAN

1A. WI-FI

- On the CoCo-80X **Setup** Screen, go to **Connections**, and press **Enable Wi-Fi (F2)**
- On the PC, go to Wi-Fi connections, and click on your CoCo-80X. (*The network of CoCo-80X will be named as CoCo80X_xxxxxxx with xxxxxx is the serial number of the designated unit*)

1B. ETHERNET ONE-TO-ONE

- Connect the CoCo-80X to the PC via an ethernet cable
- Set IP address settings of both devices to either **Static IP** or **DHCP**

1C. ETHERNET LAN

- Connect both the PC and the CoCo-80X to the same Local Area Network (LAN)
- Set IP address settings of both devices to either **Static IP** or **DHCP**

STEP 2: CONFIGURE IP ADDRESS

When connecting via ethernet, there are two methods for handling the IP addresses: **Static IP** and **DHCP**. In the case of Static IP, the first 3 values of the IP address must be the same. The last digit must be different.
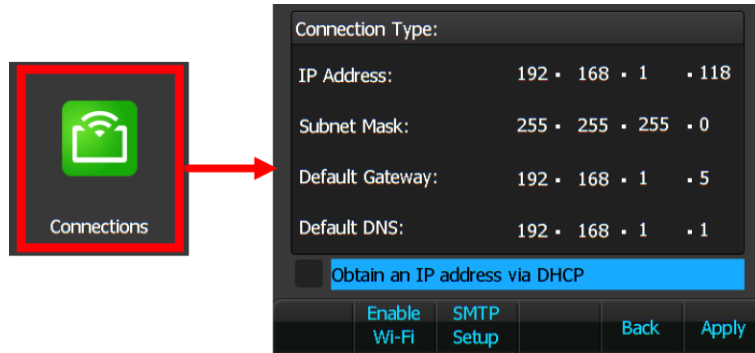
2A. WI-FI

- No IP address settings for Wi-Fi connections

2B. STATIC IP ADDRESS
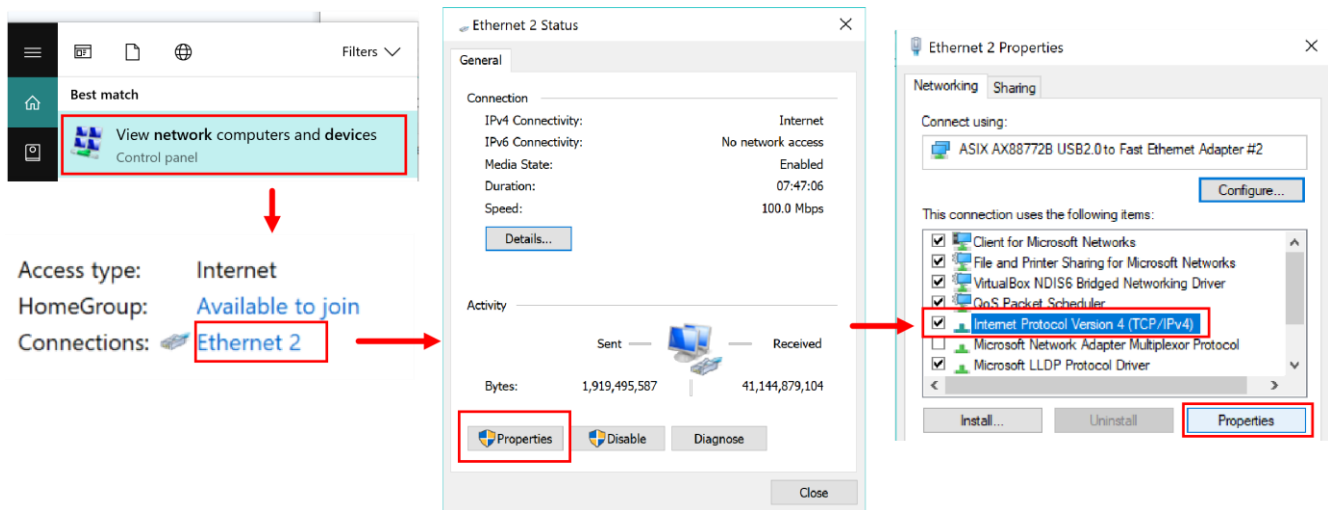
Configure CoCo IP Address
- On the CoCo-80X Setup Screen, go to **Connections**
- **Disable the DHCP checkbox**
- **Enter fixed IP address for CoCo**
  - The first 3 digits of the IP address must be the same. For example, if we choose the CoCo IP address as 192.168.22.130, then the PC IP address must be 192.168.22.**xx** (where 'xx' can be any number other than 130)
  - Subnet mask, Gateway, and Default DNS should be the same – Both the CoCo and PC must have the same values for these, on all 4 digits

- Press **Apply**

Configure PC IP address
- On your PC, navigate to the **Network and Sharing CenterTCP/IPv4 Properties**
  - On Win7, go to Control Panel > Network and Sharing Center > Ethernet > Properties > TCP/IPv4
  - On Win10
  - go to **Local Area Connection Properties**
- **Enter fixed IP address for PC**
  - The computer and CoCo should have the same subnet mask, gateway, and DNS -- but different IP addresses
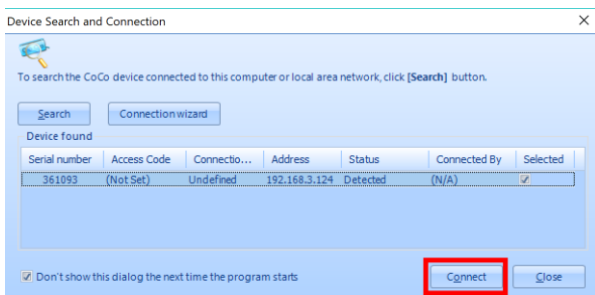
2C. DHCP

- On the CoCo-80X Setup Screen, go to **Connections**, and select the box for **Obtain an IP address via DHCP**
- On your PC, go to **Connections**, and select the box for **Obtain an IP address via DHCP**

STEP 3: CONNECTING TO EDM

- Start up **EDM CoCo Mode** (**DSA** or **VDC**)
- Press the **Search** button in the middle of the screen

- Press the **Connect** button

- Now it should be connected to EDM