ActiveSync User Guide

Introduction

This document introduces how build the connection between UNO-2000 series and host PC via Microsoft ActiveSync 3.6.

ActiveSync Setting Procedure

- 1. Insert UNO CD into the CD-ROM in the host PC.
- Install UNO Software Development Kit for eVC++ from below path: (\$Windows CE)\CE .NET V4.1\SDK\Advantech_UNO_X86_SDK4_V1.10.msi
- Install Microsoft ActiveSync 3.6 from below path: (\$Windows CE)\Utility\Microsoft ActiveSync 3.6.exe
- 4. Connect host computer and UNO with a **null modem cable** (come with the shipment), and be sure the connection is both on RS-232 serial port.

NOTE: In below example, we use COM1 of UNO and COM1 of the host.

5. Setup the communication environment of UNO and the host

Setup the communication environment of UNO

A. Configure the COM1 of UNO

Press Start of task bar of window system and select "Setting" \rightarrow "Network and Dial-up connections".



B. Click the icon "Make New Connection" to make a new connection.



🐉 Start 🔹 Network Conne...



Select the connection type: Direct Connection, then press inext bu
--

<u>File E</u> dit	<u>V</u> iew	Adva <u>n</u> ced 🗙 📄 💽 📰 📰	ĸ	?	×
Make New Connection	921 PCI- RTL8139	1			
		Make New Connection Type a name for the connection: Image: My Connection My Connection type: Dial-Up Connection Dial-Up Connection Dial-Up Connection Direct Connection Virtual Private Network PPP over Ethernet [PPPoE] < Back			

C. Choose the COM port of UNO.

鸄 Start 💊 Network Conne...

In this example, we use COM1 of UNO to connect with COM1 of the host.

🎐 🏋 🔕 🏴 🕹 🍠 7:04 PM 🛛 🞯

<u>File Edit View Advanc</u>	ed 🗙 📄 🖬 🖬	№? ×
<u>s</u>		
Make New PCI- Connection RTL81391		
	Device 🛛	
	🥪 My Connection	
	Select a device:	
	Serial Cable on COM1:	
	Configure	
	TCP/IP Settings Security Settings	
	< Back Finish	
l		

Start 🔇 Network Conne	Se 🏹 🕲 🎢 🕹 🤔 2:04 PM 👔	3

D. Press Start \rightarrow Setting \rightarrow Control Panel, and then click "**PC Communication**" icon.

<u>File Viev</u>	v						N?	×
Ö	P	B	H	8	9	9	1	
Certificates	Date/Time	Device Management	Dialing	Display	Input Panel	Internet Options	Keyboard	
٢		<u>.</u>	P		31		-	
Mouse	Network and Dial-up Co	Owner	Password	PC Connection	RAS Server	Regional Settings	Remove Programs	
-	30	WL						
Storage Manager	System	WLAN-9030 Settings						
🎝 Start 💈	Control Pane	1				≶×i≍⊗7	🕹 🍠 7:05 PM	6

E. Click Change button to choose your network communication.

In this example, change the network communication to "My Connection".





Setting the communication environment of the host

A. Double click the icon **ActiveSync**.



B. Select File → Connection Settings

Microsoft ActiveSync	
<u>F</u> ile ⊻iew <u>T</u> ools <u>H</u> elp	
<u>Sy</u> nchronize S <u>t</u> op	xplore Options
Mobile Device Explore Delete Partnership	os 🕡
<u>G</u> et Connected <u>C</u> onnection Settings	
Close	tus

C. Configure the connection settings as below.

	Connection Settings
	Click Get Connected to connect your mobile device to this computer.
	Status: Waiting for device to connect Get <u>Connected</u>
$\left(\right)$	☑ Allow serial cable or infrared connection to this COM port:
	COM1
	Status: COM port is not available
	\square Allow <u>U</u> SB connection with this desktop computer.
	Status: Not Supported
(Allow network (Ethernet) and Remote Access Service (RAS) server connection with this desktop computer.
	Status: Network is available
(Status icon Show status icon in Taskbar.
	OK Cancel Help

D. After you configure the connection setting, it will show the below dialog window when you press Get Connected



NOTE: Don't click Next button at this time.

E. Press Start → Run of UNO; enter the \windows\replice.exe in the command line of and press OK button.

1	
Recycle Bin	
My Computer	
2 C	Run
Calibration	
	Type the name of a program, folder, or document, and Windows will open it for you.
PDF Viewer	Open: \Windows\repllog.exe
Remote	OK Cancel Browse
Desktop	
æ	
Internet Explorer	
\$ Start	Se it 🖓 🕶 🗦 7:07 PM [[2]

F. Now, press the Next button in the "Get Connected" dialog in the host.

It will build the connection between UNO and host.



G. If the connection between UNO and the host, you will see below message in UNO.

<u>File V</u> iew					1/24/1		?	×
O	P		1	8	9	1	Ċ	
Certificates	Date/Time	Device Management	Dialing	Display	Input Panel	Keyboard	Mouse	
	<u> </u>	1	2 Star	4	3	1	2	
Network and Dial-up Co	Owner	Password	PC Connection	Power	RAS Server	Regional Settings	Remove Programs	
0	Con	nected to My	Connection	n				
Storage Manager	Styl	Connect	ed					
		Hide this	s message:	H	ide			
				Disco	onnect			
ಶ Start 🛸	Network Cor	nnecti 🗗 🖓 O	ontrol Panel				🕹 🍠 9:59 PM	1 🕑

H. If the connection between UNO and the host, you will see below message in the host.
 Select No, then press Next button.

ı	
I	



After the New partnership setting, it will show the below dialog window in the host.

😌 Microsoft ActiveS	ync	
<u>F</u> ile <u>V</u> iew <u>T</u> ools <u>H</u> e	¢lp	
Sync Stop Deta	Explore Options	
Guest	\smile	
Connected		
Information Type	Status	

J. Press Explore button in Microsoft ActiveSync window, it will pop up the Mobile Device window to display the file resources and information of UNO as below:
 For example, if you click the icon "My Documents", you will see the content of storage in UNO.

