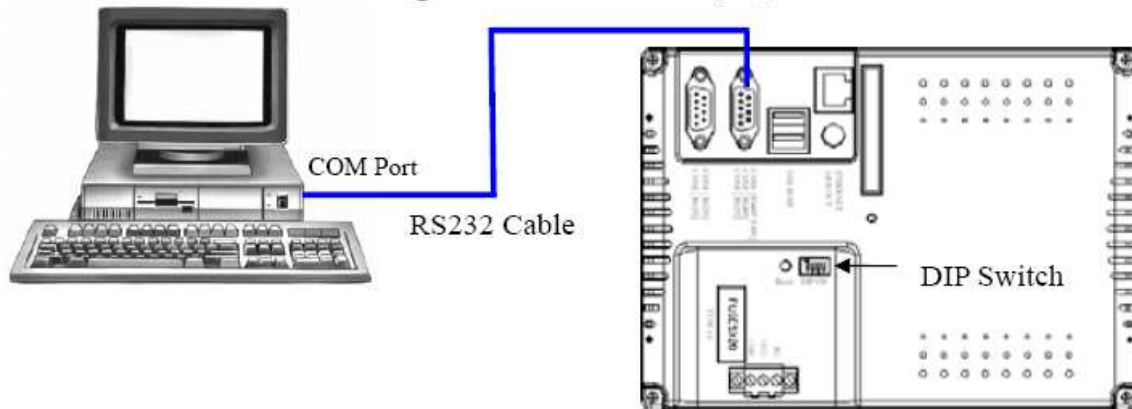


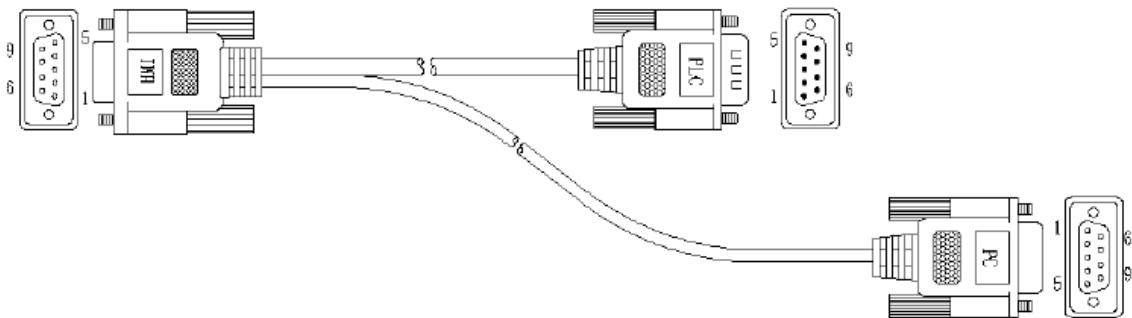
NP-660T/NP-880S/NP-612S CF card download CE Image

Download Windows CE image.





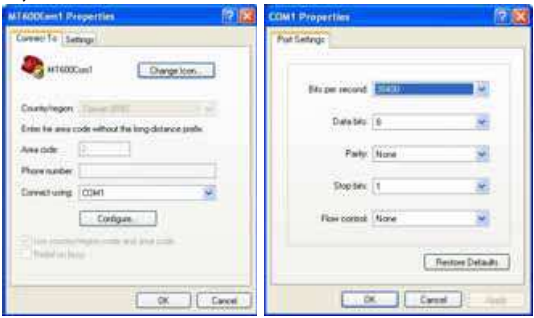


RS232 Cable- Configuration	PC RS232 9P D-SUB Female	MT606 COM3[232] 9P D-SUB Male
		2 RXD
	3 TXD	8 RXD
	5 GND	5 GND

RS232 Cable just for Hyper Terminal to monitor the progress.
You also can use MT5-PC cable with a 9pin male to male connector.

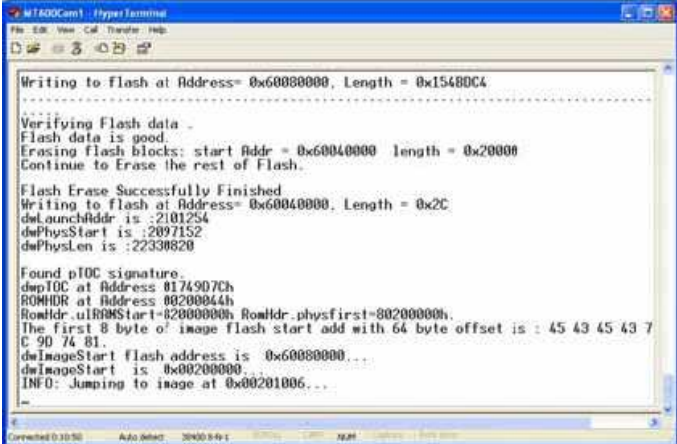



The "PC" side, connect to PC's RS232. The "HMI" side add a 9pin male to male connector then connect to MT606CV2 Com3 RS232.

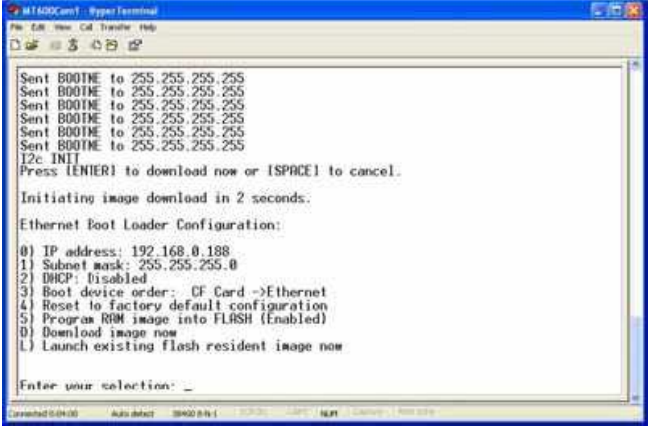
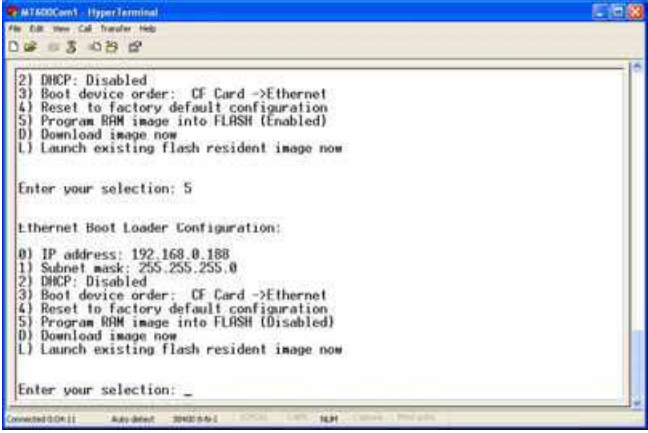
NP-660T/NP-880S/NP-612S CF card download CE Image

Download CE Image from CF card.		
1.	<p>Format the CF memory Card Extract the zip File Rename the image file to nk.bin. Copy the nk.bin to root directory of CF memory card P.S Recommend use SanDisk or PQI CF card.</p>	
2.	<p>Power off then Connected the RS232 cable between the PC's COM port & NP-660S (COM3[232]). Insert the CF card.</p>	
3.	<p>Open the IVC Display.HT or open the Windows Hyper Terminal and set the com port setting to 38400, None, 8, 1, None flow control.</p>	
		
4.	<p>Set the DIP SW3 ON then power ON into boot loader mode. You can set the DIP SW1 ON. After CE image download the Windows CE will into Touch Adjust mode.</p>	
5.	<p>The Hyper Terminal will display message. NP-660S download the CE Image from CF card. Others setting please see "Boot Loader Configuration"</p>	
		
6.	<p>After Image download, NP-660S will automatic reboot</p>	

NP-660T/NP-880S/NP-612S CF card download CE Image

	<p>and into Windows CE.</p> 	
7.	Set the DIP SW3 OFF to normal mode.	

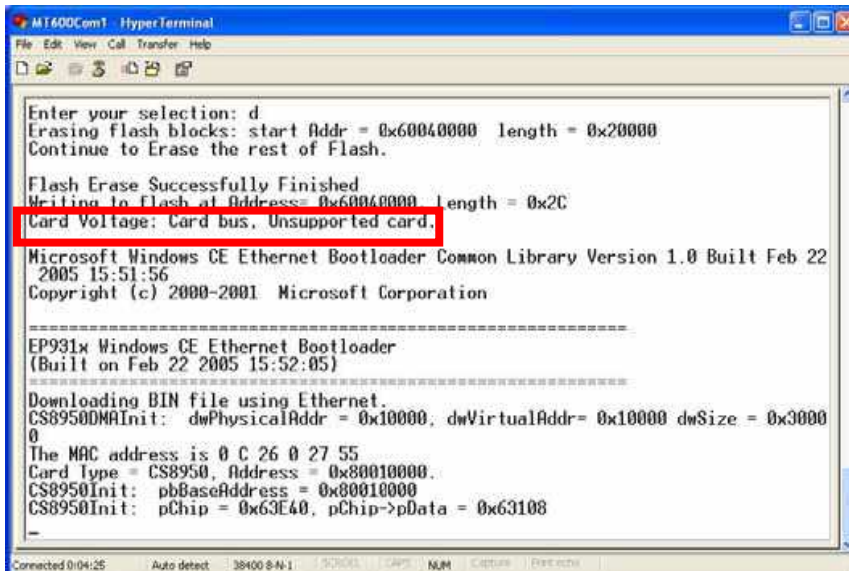
Boot Loader Configuration

1.		<p>When the message appear: “Press [ENTER] to download now or [SPACE] to cancel.” Press [SPACE] into Boot Loader Configuration.</p>
2.		<p>You can press [5] to change the image download destination. If the item 5) is Disabled, the CE image will download to DRAM. The original CE image still store in Flash memory. Default is Enabled.</p>

NP-660T/NP-880S/NP-612S CF card download CE Image

3.	 <pre>Enter your selection: 5 Ethernet Boot Loader Configuration: 0) IP address: 192.168.0.188 1) Subnet mask: 255.255.255.0 2) DHCP: Disabled 3) Boot device order: CF Card -> Ethernet 4) Reset to factory default configuration 5) Program BIN image into D) Download image now L) Launch existing flash resident image now Enter your selection: d Erasing flash blocks: start Addr = 0x60040000 length = 0x20000 Continue to Erase the rest of Flash. Flash Erase Successfully Finished Writing to flash at Address= 0x60040000. Length = 0x2C Card Voltage: Card bus, Unsupported card. Microsoft Windows CE Ethernet Bootloader Common Library Version 1.0 Built Feb 22 Connected 0:04:25 Auto detect 38400 8-N-1</pre>	Press [D] start download CE image.
----	--	------------------------------------

If you see the Card Voltage: Card bus, Unsupported card, please format the CF card or change another's CF card.



```
Enter your selection: d
Erasing flash blocks: start Addr = 0x60040000 length = 0x20000
Continue to Erase the rest of Flash.

Flash Erase Successfully Finished
Writing to flash at Address= 0x60040000 Length = 0x2C
Card Voltage: Card bus, Unsupported card.

Microsoft Windows CE Ethernet Bootloader Common Library Version 1.0 Built Feb 22
2005 15:51:56
Copyright (c) 2000-2001 Microsoft Corporation

=====
EP931x Windows CE Ethernet Bootloader
(Built on Feb 22 2005 15:52:05)
=====
Downloading BIN file using Ethernet.
CS8950DMAInit: dwPhysicalAddr = 0x10000, dwVirtualAddr= 0x10000 dwSize = 0x3000
0
The MAC address is 0 C 26 0 27 55
Card type = CS8950, Address = 0x80010000.
CS8950Init: pbBaseAddress = 0x80010000
CS8950Init: pChip = 0x63E40, pChip->pData = 0x63108
-
Connected 0:04:25 Auto detect 38400 8-N-1
```