## Updating the ANX firmware with the serial port.

You will need a cable from the comport of the computer to the serial port of the ANX. The cable between the comport of the computer and the ANX is direct please use the chart below for making the cable.

PC Com Port DB-9. Pin No.	ANX Com Port #2 DB-9. Pin No.
2 - RX	2 - TX
3 - TX	3 - RX
5 - GND	5 - GND



The Hyperterminal Settings.

OM1 Properties	ୃ	23
Port Settings		
Bits per second: 115200	•	
Data bits: 8	•	
Parity: None	•	
Stop bits: 1	•	
Flow control: None	•	
	Restore Default	s
ОК С	ancel Ap	ply

After attaching the cable reboot the ANX and you should see the ANX boot up in hyper terminal screen. When you see the dot's going across the top of the screen press the "Dot" or period key or Dot/period/delete key and the "Waiting for file to be send" box will appear.

Esc F1 F2 F3 F4 F5 F6 F7 F8 F9 F10 F11 F12	Print Screen SysRq Lock Pause Break	Num Caps Scroll Lock Lock Lock
$\begin{array}{c c} ^{\sim} & 1 & \textcircled{0} & \textcircled{1} & $	Insert Home Page Up Delete End Page Down	$ \begin{array}{c c} \text{Num} & / & \bullet & \bullet \\ \hline \text{Lock} & / & \bullet & \bullet \\ \hline \text{Lock} & / & \bullet & \bullet \\ \hline \text{Home} & \uparrow & \text{PgUp} & \bullet \\ \hline \text{Home} & \uparrow & \text{PgUp} & \bullet \\ \hline \text{Home} & \uparrow & \text{PgUp} & \bullet \\ \hline \text{Home} & \uparrow & \text{PgUp} & \bullet \\ \hline \text{Ins} & \text{Del} & \text{Enter} \\ \hline \end{array} $

Dot appearing across the top of screen..... Press the Dot or period key or Dot or period/delete key. "Waiting for file to be send" box should appear.

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File Edit View Call Transfer Help		
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Connected 0:00:08 Auto detect	115200 8-N-1 SCROLL CAPS NUM Capture Print er	tho



From the menu click on "Transfer" and then "Send File"



The Send File box opens up, click on "Browse" and locate the ANX firmware update file. Set Protocol @ "Ymodem"

ANX_TEST - HyperTerminal
ANX912 Firmware Upgreade - Build: Nov 4 2008 RISG International Co.,Ltd. Waiting for the file to be send (press 'a' to abort) CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
Connected 0:02:18 Auto detect 115200 8-N-1 SCROLL CAPS NUM Capture Print echo

Browse for the file



Click on "Send"

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ANX912 Firm RISG Intern Waiting for CCCCCCCCCCC	nware Up national the fi CC( Send Folder: D Filename D:\Firmw Protocol: Ymoder	greade – Co.,Ltd. le to be File :\Firmware_ANX vare_ANX P2\05	Build: send (P2 0710A.bin	Nov . (pr	4 200 ress ' Browse	08 'a'tı ▼	o abort	)
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Connected 0:05:53	Auto detect	115200 8-N-1	SCROLL	CAPS	NUM	Capture	Print echo	

## File is uploading into the ANX

HNX912 F RISG Int	1rmwar Ymodem	e Upgr file send	eade – Bu for ANX_TEST	ild: No	v 420	08		
Waiting	Sending:	D:\Firmwa	are_ANX-XP2\0507	10A.bin			ort)	
CCCCCCCCC	Packet:	83	Error checkin	g: CRC	File size:	169K		
	Retries:	0	Total retries	s: 0	Files:	1 of 1		
	Last error:							
	File:				79K of 16	i9K		
	Elapsed:	00:00:15	Remaining	g: 00:00:16	Throughput	5393 cps		
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				L	Lancei	Cps/Dps		

When you see "Programming Completed Successful" you have finish loading the file

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File Edit View Call Transfer Help	
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ANX912 Firmware Upgreade - Build: Nov 4 2008 RISG International Co.,Ltd. Waiting for the file to be send (press 'a' to abort) Programming Completed Successfully! Name: 050710A.bin Size: 172040 Bytes	
= ANX-2RD Access Control & Monitering Point = = RISG International Co.,Ltd. = = Built Date : May 7 2010 =	
SD Card Init Failed. Please Insert SD Card	
System Memory Test. Please Wait. -	
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Connected 0:01:01 Auto detect 115200 8-N-1 SCROLL CAPS NUM Capture Print echo	