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## **Remote Access on the iDCS 100 Using an External Modem**

The purpose of this Technical Bulletin is to outline the proper set up procedures for remote access on the iDCS 100 using an external modem, and to provide the model name, and number of an approved external modem.

Follow the instructions below to configure a **U.S. Robotics 56K Faxmodem Model 5686E** for remote access on the iDCS 100:

### **Set Up Procedures**

<b>Step</b>	<b>Action</b>
1	Set the Dip Switches on the back of the modem. a. Turn Power Switch Off b. Set Dip Switches 3, 7, and 8 to the Down position. c. Set all other Dip Switches to the Up position.
2	Attach a standard modem cable between a PC and the U.S. Robotics modem then turn power switch On.
3	Connect with Serial Communications Program (HyperTerminal/ProComm Plus): a. Set the Baud Rate = 9600 b. Set the Parity = 'N' or None c. Set Data Bits = 8 d. Set Stop Bit = 1
4	Type AT <Enter> to verify the PC is communicating properly with the modem. If an OK response is returned, enter the Initialization String.
5	Initialization String: (The following string only contains ZEROs.) a. AT&F1Y1&A0&H0&K0&N6&R1&U6&W1 <Enter> b. You should see an OK acknowledgement after pressing enter
6	Protect the initialization string: a. On U.S. Robotics Modem Turn Power Switch Off b. Set Dip Switches 1 & 4 to the Down position, all others to Up position c. Turn Power switch On

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## Remote Access on the iDCS 100 Using an External Modem

### Set Up Procedures (Continued)

Step	Action
7	Configure iDCS 100: <ul style="list-style-type: none"><li>a. MMC 804</li><li>b. Port 1 (set to PCMMC)<ul style="list-style-type: none"><li>1. Baud Rate 9600</li><li>2. Character Length = 8 bits</li><li>3. Parity = None</li><li>4. Retry Count = 03</li><li>5. Stop Bit = 1 Bit</li><li>6. Wait = 03000</li></ul></li></ul>
8	Remove the standard modem cable from the PC, attach a gender changer, and then attach it to the MISC card in the iDCS 100.

**Important Note:** Samsung does not provide support for third party modems. This document is to be used as a guide to help dealers. It is based on results from external modem tests conducted at the Samsung BCS Technical Support Lab.

*If you have any questions about this or any other Technical Support bulletins please contact Samsung Technical Support by phone at 1-800-737-7008 or by email at: [BCS.Support@Samsung.com](mailto:BCS.Support@Samsung.com)*