

## HOW TO INSTALL NEW FIRMWARE IN A JX READER

1) Download and install the ibc Flash Reader Utility from the ibc website. The utility supports com ports only, COM1 thru COM5.

2) You will need to make a cable to connect the reader to a pc or laptop. The wiring connections for a DB9 connector are:

Red	Power
Blue	Ground and DB9 pin 5
Green	DB9 Pin 2
Yellow	DB9 Pin 3

Connect Orange and White together.

Connect DB9 pins 7 and 8 together.

You must connect Orange and White together before applying power.

3) On the main screen of the utility program select the com port and then hit “connect to port”. Note that the program only supports com 1 through 5.

4) Click on “Flash Device” and the flash screen will come up. Hit the “select file” button and select the .bin file you will download. Then you will click on “Start Flash Download”. The download may fail on the first attempt. If it does, simply attempt the download again.

5) When the download is complete, the reader will restart.