TallyGenicom TechNote T6215.005

Serial Capture Utility - Model T6215

Issue / Symptom: The T6215, with firmware version 1.1 and higher, has a Diagnostic Utility called "Serial Dump." This utility allows the capture of an incoming file on the Parallel, Ethernet, Twinax or Coax port. The file is routed via the printer serial port to a laptop or similar host. (In the case of Twinax or Coax, the data is converted from EBCDIC to ASCII.) The captured file may then be used and resent directly from the capture "host" to the printer for diagnosing problems. The file can also be e-mailed for Application Engineering use.

Note: The Serial Capture Utility is also available on T60xx/T61xx series printers with firmware version 9.2 and higher.

Solution/Action:

First, you must have a utility loaded on the host that will be used for capturing the data: SCAPTURE.EXE. This is available on the Tally web-site. Select Line Printers then "Support" then "Drivers and Utilities". The file will be in the Utilities section.

At the printer, turn on Tech Access then access the Serial Dump function by doing the following menu sequence:

TEST => Diag => Serial Dump => ON

At the host, RUN the Scapture.exe file. Follow the instructions to set the Serial I/O parameters and then click on "Start Capture".

Back at the printer, go ONLINE and have the file transmitted. As the printer prints thefile it is also routed to the serial port and the capture routine on the host.

After the file finishes printing, SAVE IT. Assign a file name [it can be anything - a good file extension would be ".txt" (example cap1.txt)]. It may be best to save the file to the root directory of your C: drive or to a specific folder at the DOS level.

To play it back to the printer, use the parallel (Centronics) port. Go to the DOS prompt and send the file using the copy and "binary" commands. (Example - assuming the file is in your root directory - copy /b cap1.txt lpt1 ENTER. Please note there are "spaces" in the command string so that your actual entry looks like copy "space" /b "space" cap1.txt "space" lpt1 ENTER.)

You can send the file repeatedly to the printer while you change different parameters in the menu to see if you can make the application perform correctly.

Need help? Call our knowledgeable sales staff at: *708-597-4222*