

Using the Sample Excel Application

Use the following steps to extract data from a capture file obtained using an AN-X-AMXCAPT module using the sample Excel application.

1. Copy the DLL (QtsAmxCaptDll.dll) to the System32 subdirectory in your Windows directory
2. Start Excel and open the sample spreadsheet (QTS_DcsCapt.xls). When asked, enable macros.
3. Click the Browse button to select the capture file (*.AmxCapt)
4. If the capture was obtained using the ring buffer method and you wish to extract data spanning several files, enter the numbers of minutes for which you want data in cell B5

Define the points you wish to extract. There can be up to 10 points. For each point:

5. Enter the Name
6. Enter the DataType. It can be one of:
 - Signed (signed integer, -32768 to 32767)
 - Unsigned (unsigned integer, 0 to 65535)
 - Bit (discrete bit)
7. Enter the Address. The address consists of drop (0-55) and register (0-63), and, for Bit format only, bit number (0-15)
8. The last item in the list must have EndOfItems in the DataType column
9. Click the GetData button to retrieve the data from the capture file. Look at the Data worksheet to view the data values
10. Look at the Graph worksheet to see the data values plotted as a function of time. You can zoom, scroll, etc.

NOTE: Frames with bad status are shown as **** in the Data worksheet and as 0 on the graph. Invalid frames are always included in the data for every point, since there's no way of knowing what drop the bad frame was intended for or what data it contained.

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