

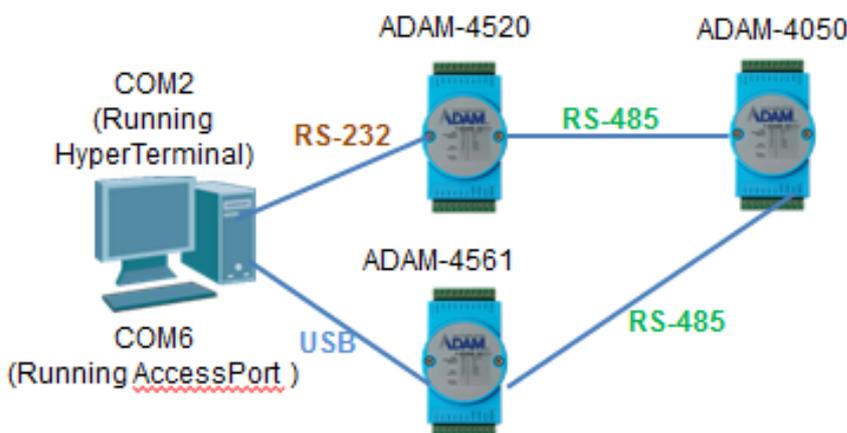
Date	2015/08/14	SR#	1-2187490471
Category	■FAQ □SOP	Related OS	N/A
Abstract	ADAM RS232/485 Serial Communication Issue Using HyperTerminal		
Keyword	ADAM, RS232, RS485, Serial, HyperTerminal		
Related Product	ADAM-4000 & ADAM-4100 Series		

■ **Problem Description:**

This document explains a common question regarding why fail to read/write IO of ADAM-4000 & ADAM-4100 from using HyperTerminal.

■ **Brief Solution - Step by Step:**

Testing Environment:

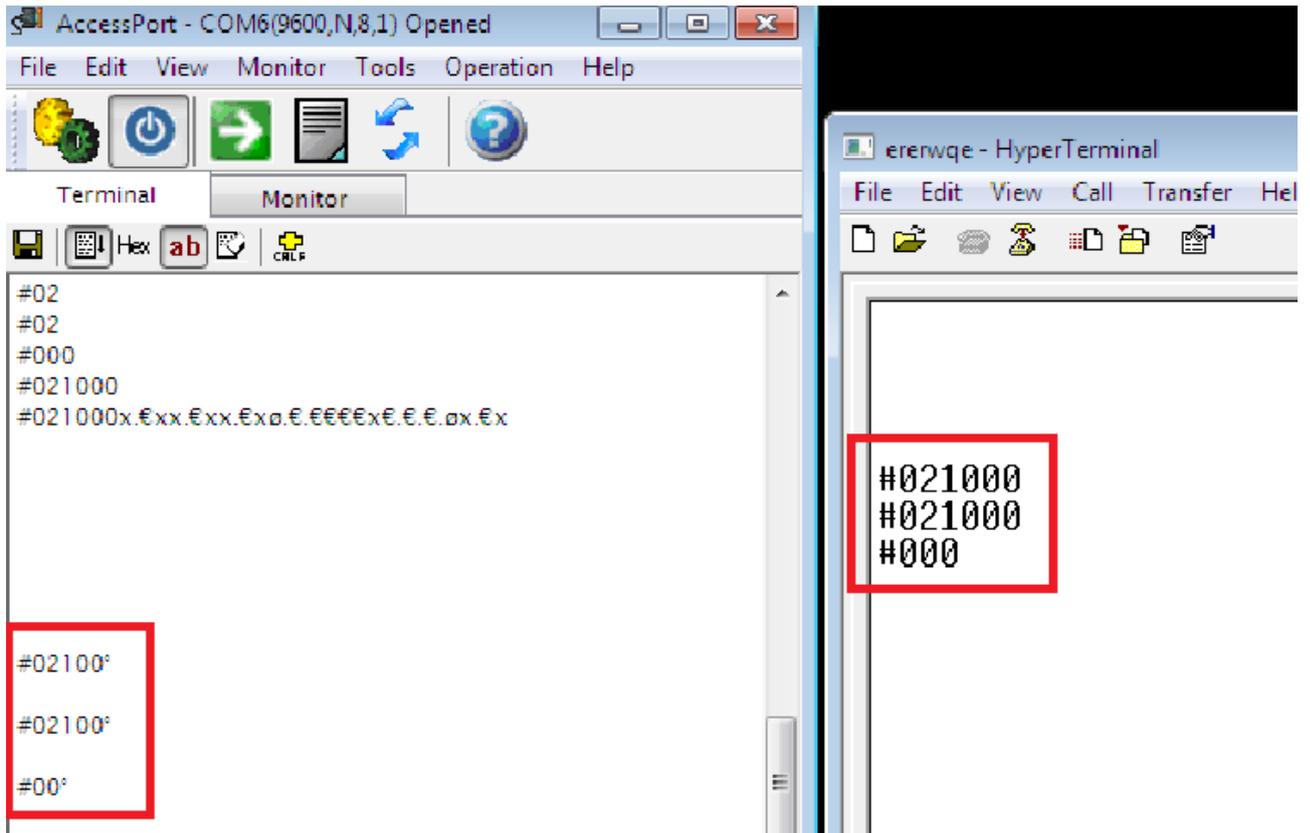


Purpose of installing ADAM-4561(i.e. USB-to-RS-485 Converter with COM6) is to setup utility “AccessPort”, so that we can snoop what exact command being sent out from HyperTerminal via ADAM-4520, which is an quite useful debug tool for your reference (i.e. <http://accessport.en.lo4d.com/>)

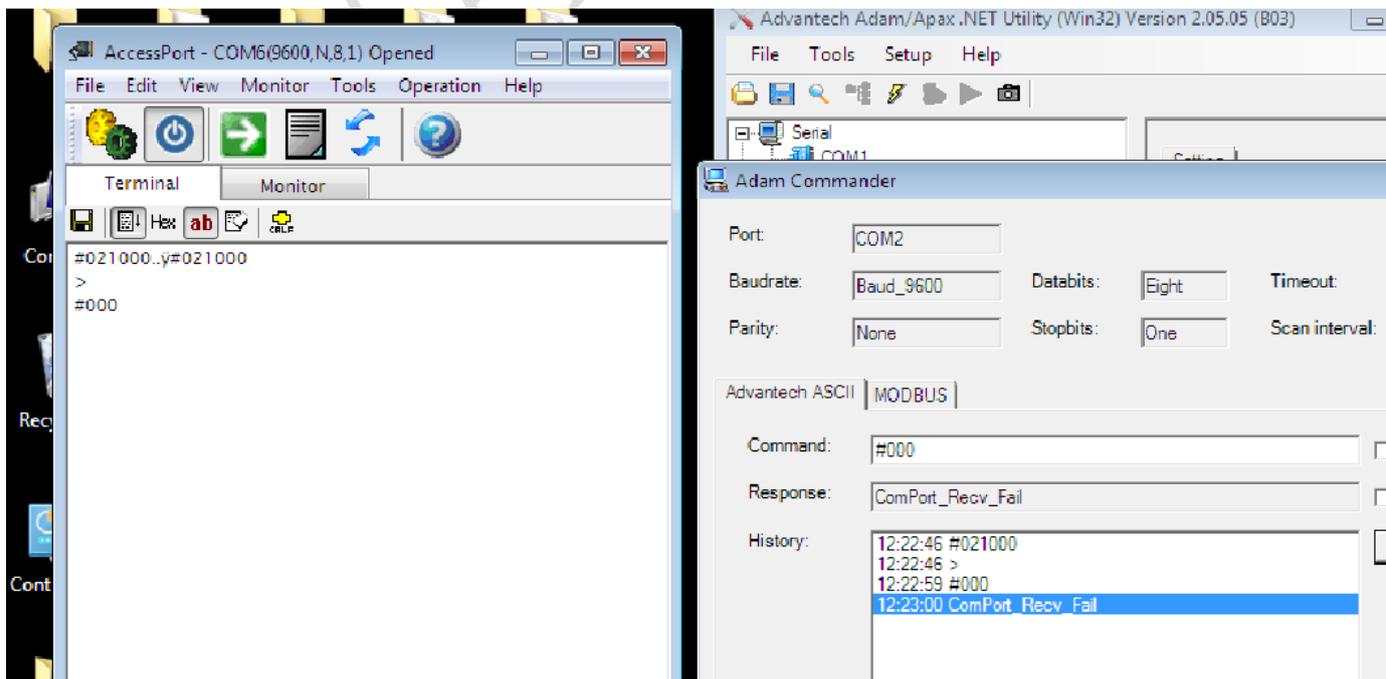
According to test result, when a ASC command let’s say “#021000” is being sent from HyperTerminal, the command actually been snooped on AccessPort at COM6 is “#02100° “ as you can see from screenshot below.

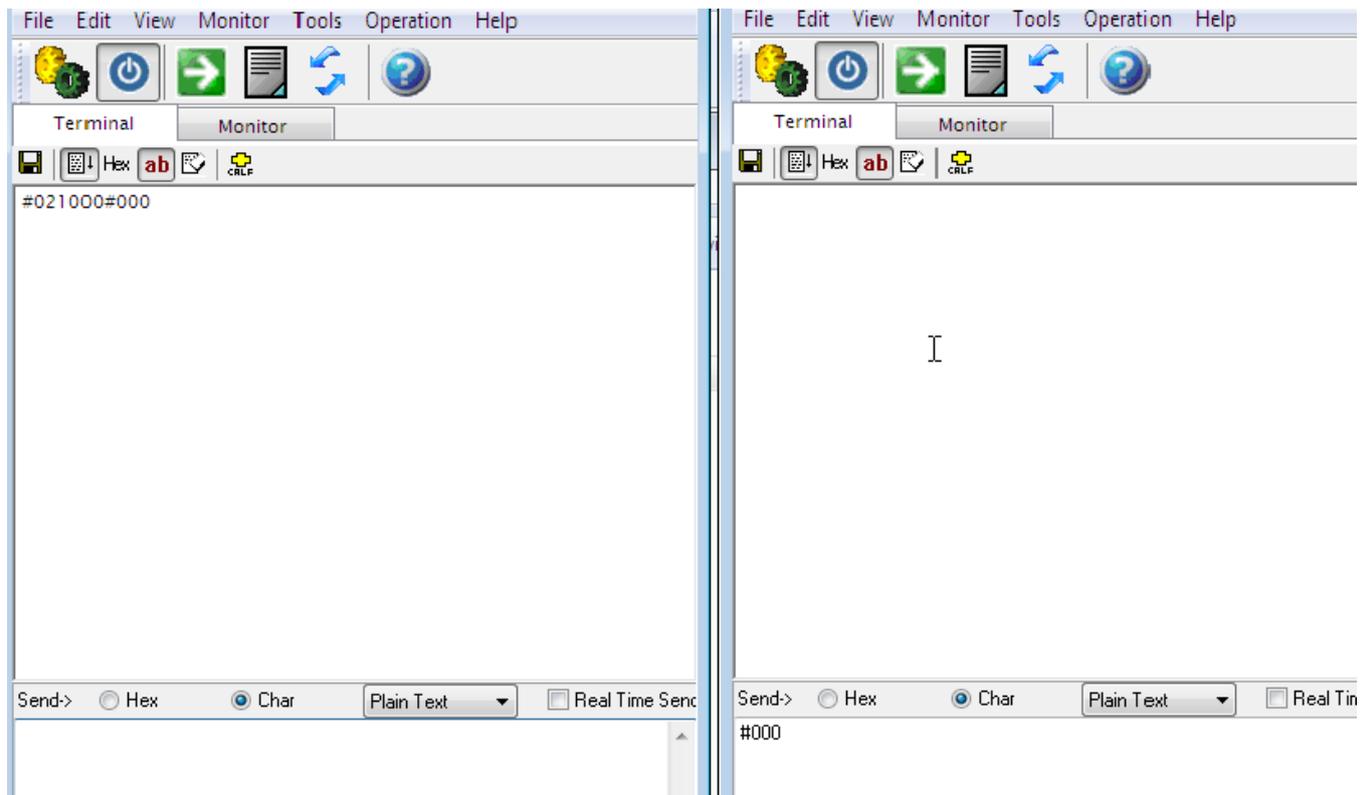
Furthermore, we also observed that for any command consist of 3 consecutive “0” will end up this error.

For example, #000 => #00°



At this point, instead of using HyperTerminal, we test using two other different too for sending ASC command, the ADAM .Net Commander and Access Port. As you can see from below, such ASC command being correctly delivered without interpret error, and therefore concluded HyperTerminal compatibility issue.





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