

Product Group: SG2 Programmable Relay  
Number: AN-SG2-023

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**Title:** Connect SG2 PLR to the *iView* HMI using RS232

**Summary:** This application note will explain how to connect the SG2 PLR to the *iView* HMI using the RS232 communication port. By using the RS232 communication port, the number of devices required will be limited to one SG2 PLR and one *iView* HMI.

**Equipment Needed:**

The SG2 PLR, SG2-PL01 cable, *iView* HMI and the IMO SMTIV-RS232 cable are required.

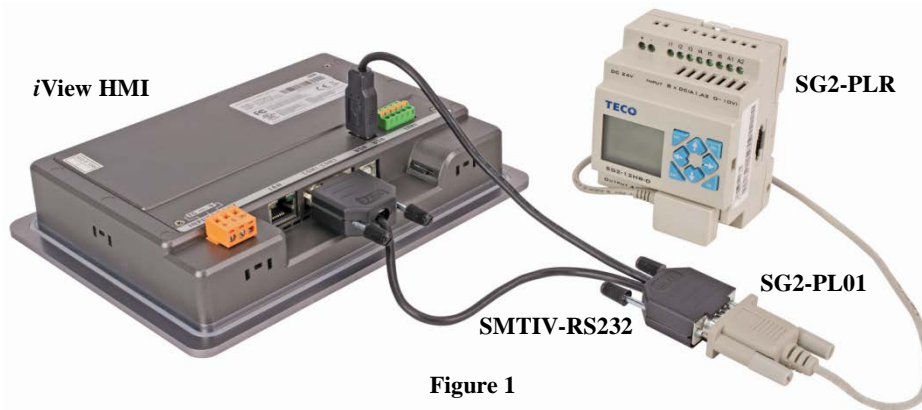


Figure 1

**Process:**

The SG2-PL01 cable connects to the RS232 port (the 6-pin rectangular port) on the SG2 PLR. Connect the other end of the SG2-PL01 cable to the center RS232 connection of the SMTIV-RS232 cable. The remaining connectors will connect to the *iView* HMI. The USB type A connects to the USB port and the RS232 connector connects to COM1/3.

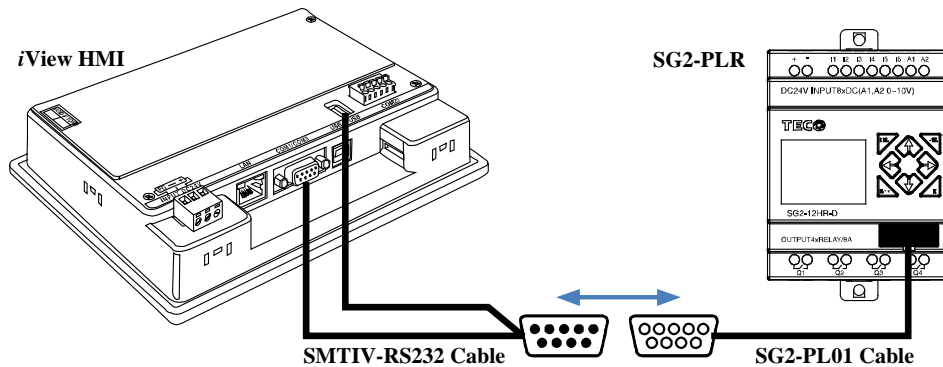


Figure 2

Once the cable connections have been made, apply power to the *iView* and SG2 PLR. SG2 PLR should be in run mode. The *iView* and SG2 programs can now communicate.



**If the RS232 9 pin D-connections are reversed, the HMI panel and SG2 PLR will NOT be able to communicate.**

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