Technical Note

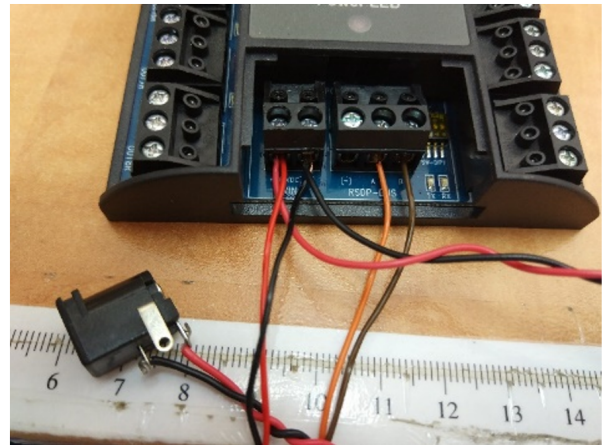## Firmware update procedure for x-805 expansion units

10 Dec 2020

1. SUMMARY

This technical note describes how to update an x-805 expansion unit using HyperTerminal.

2. CONNECTION

1. Connect the MD-14S/U to the x-805 as follows:

    a. Red: (+) 12V

    b. Black: (-) GND

    c. Orange: RSDP-bus A

    d. Brown: RSDP-bus B

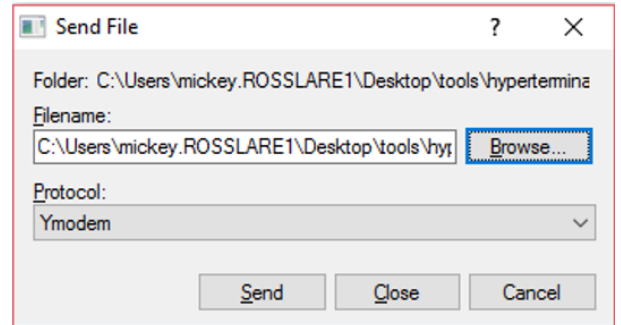

3. FW UPDATE PROCESS

1. Connect the MD-14S/U to your PC.

2. Identify the COM port of the MD-14S/U.
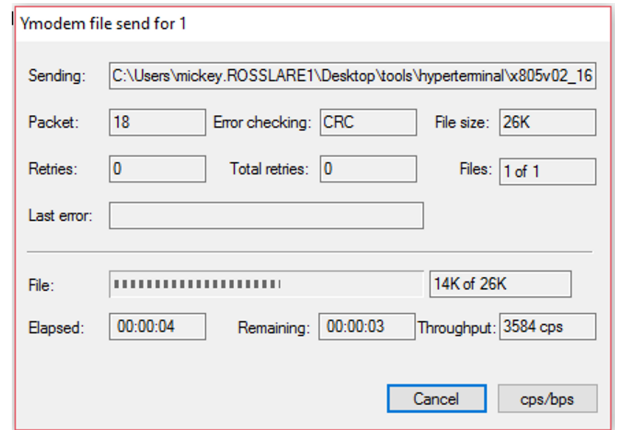
3. Launch the HyperTerminal on your PC.

> 📄 If your OS does not have HyperTerminal, you can download it HERE.

4. Select the COM port to which the MD-14S/U is connected.

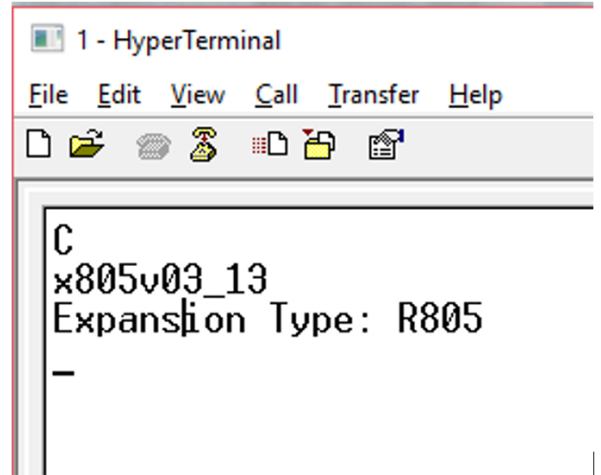ROSSLARE

5. Set the COM port properties as follows:

    •   Bits per second: 57600

    •   DATA bits: 8

    •   Parity: None

    •   Stop Bits: 1

    •   Flow control: None

6. When connected, go to **Transfer > Send File**.

7. Browse to the applicable *.bin file and select it.

8. Set the protocol to **Ymodem**.

9. Click **Send**.

10. Power on the x-805.

11. You can see the progress of the FW downloaded.

12. When the process is complete, you can see the x-805 version number on the HyperTerminal negotiation screen.

For more information regarding support, visit https://support.rosslaresecurity.com/portal/en/home.