# **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.



- 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**.

📧 Send File				?	×
Folder: C:\Users	mickey.ROS	SLARE	1\Desktop\to	ols\hype	termina
<u>Filename:</u>					
C:\Users\mickey.ROSSLARE1\Desktop\tools\hypt Browse					se
Protocol:					
Ymodem					$\sim$
	<u>S</u> end	d	Close	Car	ncel

- 9. Click Send.
- 10. Power on the x-805.
- 11. You can see the progress of the FW downloaded.

Ymodem fi	le send for 1
Sending:	C:\Users\mickey_ROSSLARE1\Desktop\tools\hyperterminal\x805v02_16
j.	
Packet:	18 Error checking: CRC File size: 26K
Retries:	0 Total retries: 0 Files: 1 of 1
Last error:	
File:	14K of 26K
Elapsed:	00:00:04 Remaining: 00:00:03 Throughput: 3584 cps
	Cancel cps/bps

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.