

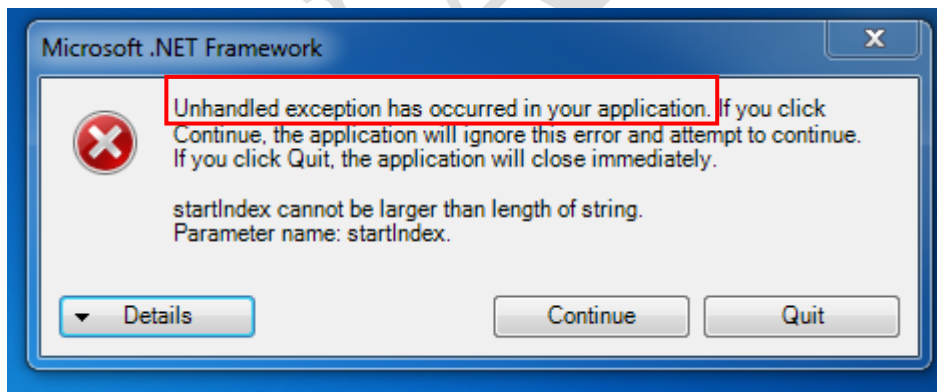
Advantech AE Technical Sharing Documentation

Date	2017 / 02 / 23	SR#	1-2788165293
Category	☒ FAQ ☐ SOP	Related OS	WIN7
Abstract	How to resolve an unhandled exception with UNO-IPS when using a wrong serial communication		
Keyword	UNO-IPS2730-AE / IPS / RS-232		
Related Product	UNO series supporting UNO-IPS2730-AE		

■ Problem Description:

IPS uses **RS-232** for communication between the UNO and the IPS. Users may encounter unpredictable error when using a wrong communication method.

Input	Input Voltage	18 ~36 Vdc
Output	Output Voltage	24Vdc +/-10%
	Typical output current	3A
Battery	Battery Capacity	14.4 Vdc, 2730 mAh
	Cycle life	300 times of charge circle
Protection	Short-circuit protection	Yes
Certification	EMC	CE, FCC, CCC
	Safety	UL, CB, CCC
Dimensions (W x D x H)		217 x 89 x 69 mm (8.24" x 3.5" x 2.72")
Environment	Operating Temperature	0~45°C
	Storage Temperature	-20 ~ +50°C (less than 1 month) -20 ~ +40°C (less than 3 months) -20 ~ +20°C (less than 1 year)
	I/O Connectors	Monitor & Set IPS RS-232



■ Brief Solution - Step by Step:

Instead of updating the .NET Framework which won't solve the issue, kindly check the UNO and confirm that UNO is using **RS-232** to connect the IPS.

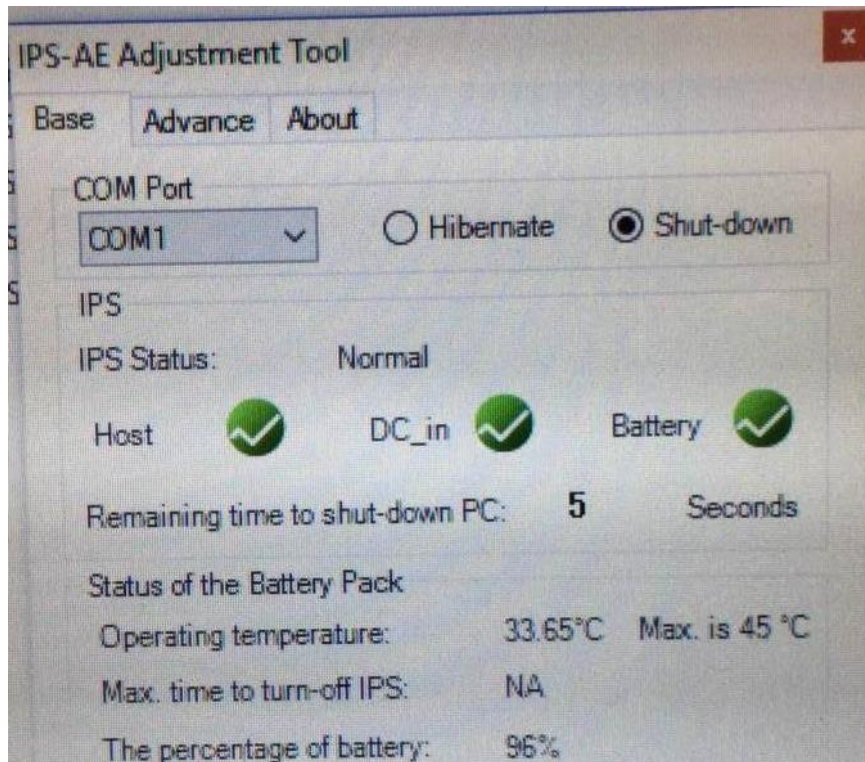
Step1

Here, we use the UNO-3283 as a demo. Refer to

http://support.advantech.com/Support/DownloadSRDetail_New.aspx?SR_ID=1-16GHC4P&Doc_Source=Download section 2.2.2 to confirm that UNO-3283G is using RS-232.

Step2

If set up correctly, the user will see a pop up which is similar to the below picture.

**■ Reference:**

Advantech-IPS

http://www.advantech.tw/products/1-2mlj2z/uno-ips2730-ae/mod_2ca60cb5-a216-4f76-accb-4c3108e8621e