SS4ARD

SIOC SERVER 4 ARDUINO

SS4ARD.EXE

SS4ARD lets you use Arduino boards to interface LEDs, buttons, knobs, encoders, 7-segment displays to build you PMSG B737/B777/B747 home cockpit.

SS4ARD.INI

Here you list all SIOC variables you want SS4ARD to get info about. The COM ports for both Arduino Inputs and Outputs are also listed here.

HOW TO USE SS4ARD

SS4ARD can be used either with OC4BAv4 or as a stand-alone program. A total of 4 Arduino UNO /MEGA boards can be used as Inputs and a total of 4 boards can be used as Outputs. By expanding the Arduino boards SS4ARD can handle a total of 720 pins as Inputs and 720 pins as Outputs. That is more pins that you need to build your PMDG B737/B777/B747 home cockpit.

1. Decide which SIOC variables you want to monitor and add these variable numbers to SS4ARD.ini. The data of these variables will either be sent to your ARDUINO boards to activate LEDS, Servos and 7-segment displays or received from switches, buttons and encoders.

2. Write the ARDUINO programs with the ARDUINO IDE and download these programs to your connected ARDUINO boards.

3. Find the PC's COM ports that are connected to your ARDUINO boards and add these COM ports to SS4ARD.ini

4. Make sure SIOC.exe is up and running with a OC4BAv4 script

5. Start SS4ARD.exe

SS4ARD SUPPORT

Technical questions about SS4ARD should be addressed to www.flightsim4fun.com/Forum

www.flightsim4fun.com will host some Youtube videos on how to use ARDUINO with OC4BAv4.

ARDUINO SUPPORT

rksoftware will not handle support about how to use ARDUINO or ARDUINO programming issues. Go to https://forum.arduino.cc