

Serial Interface

The serial interface for the user console is located on connector J6. The serial interface configuration for the user console is 9600 8N1 with no hardware handshake.

Command Summary

HELP – display this menu

TIME – display current date and time

RESET – reset the controller

LANC MODE – enter and exit LANC pass through mode

CAM PWR – turn camera power on or off

LED1 PWR – turn LED light 1 power on or off

LED2 PWR – turn LED light 2 power on or off

HDMI PWR – turn HDMI to NTSC converter power on or off

STROBE PWR – turn strobe power on or off

INST PWR – turn instrument power on or off

INST2 PWR – turn instrument(2) power on or off

GET TRIG1 – get state of trigger input 1

GET TRIG2 – get state of trigger input 2

SET TIME – set current time MM/DD/YY HH:MM:SS DAY

Command Descriptions

HELP

Description

Display a command summary and brief description of each command to the user console.

TIME

Description

Display the RTC current time and date to the user console.

RESET

Description

Perform a software reset of the controller.

LANC MODE

Description

LANC pass through mode passes all commands typed to the user console directly to the on board ELM624 LANC interpreter chip. To enter LANC pass through mode send a Ctrl-L to the user console. Pass through mode is initiated immediately on receipt of a Ctrl-L. To exit pass through mode send a Ctrl-X to the user console and you will be immediately returned to the camera controller interface.

CAM PWR

Description

Turn the BSP762 high-side switch U16 on or off.

Usage: CAM PWR [ON|OFF]

LED1 PWR

Description

Turn the BSP762 high-side switch U17 on or off.

Usage: LED1 PWR [ON|OFF]

LED2 PWR

Description

Turn the BSP762 high-side switch U18 on or off.

Usage: LED2 PWR [ON|OFF]

HDMI PWR

Description

Turn the BSP762 high-side switch U19 on or off.

Usage: HDMI PWR [ON|OFF]

STROBE PWR

Description

Turn the BSP762 high-side switch U20 on or off.

Usage: STROBE PWR [ON|OFF]

INST PWR

Description

Turn the BSP762 high-side switch U21 on or off.

Usage: INST PWR [ON|OFF]

INST2 PWR

Description

Turn the BSP762 high-side switch U27 on or off.

Usage: INST2 PWR [ON|OFF]

GET TRIG1

Description

Get the state of trigger input 1.

Usage: GET TRIG1

GET TRIG2

Description

Get the state of trigger input 2.

Usage: GET TRIG2

SET TIME

Description

Set the time of the RTC.

Usage: SET TIME MM/DD/YY HH:MM:SS DAY (DAY = 1->Sun, 2->Mon, ... , 7->Sat)

Example: To set the time and date to, "2:00:00 PM, Tuesday, July 19th, 2011" the following command would be entered.

```
SET TIME 7/19/11 14:00:00 3
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