

Flip-Flat and Flat-Man Generic Commands

1/11/09

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The following is a list of the generic commands that can be sent to the Alinitak Astrosystems Flip-Flat and Flat-Man from a terminal emulator.

Serial Data Rate: 9600 Baud

Parity: None

Data Bits: 8

Stop Bits: 1

RTS: negated

Command	Send	Recive	Description
Ping	>P000CR	*Pii000CR	Used to find device
Open	>O000CR	*Oii000CR	Open cover (FF only)
Close	>C000CR	*Cii000CR	Close cover(FF only)
Light on	>L000CR	*Lii000CR	Turn on light
Light off	>D000CR	*Dii000CR	Turn off light
Brightness	>BxxxCR	*BiixxxCR	Set brightness (xxx = 000-255)
Brightness	>J000CR	*JiixxxCR	Get brightness from device
State	>S000CR	*SiiqrsCR	Get device status
Version	>V000CR	*ViivvvCR	Get firmware version

Where:

> is the leading character sent to the device

CR is carriage return

xxx is a three digit integer ranging from 0-255

* is the leading character returned from the device

ii is a two digit product id, 99 for Flip-Flat and 19 for Flat-Man, and 10 for XL

qrs is device status where:

- s = 0 cover not open/closed
- s = 1 cover closed
- s = 2 cover open
- s = 3 timed out (open/closed not detected)
- r = 0 light off
- r = 1 light on
- q = 0 motor stopped
- q = 1 motor running

vvv is firmware version