



### ***Gemini SnapCap command list March 2017***

Commands are sent directly to the serial port

COM port settings: 38400 8N1

Command list:

```
>O000 CrLf*O000 CrL Open
>o000 CrLf*o000 CrL ForceOpen
>C000 CrLf*C000 CrL Close
>c000 CrLf*c000 CrL ForceClose
>L000 CrLf*L000 CrL Light ON
>D000 CrLf*D000 CrL Light OFF
>Bxxx CrLf*B000 CrL SetBrightness 025..255
>J000 CrLf*Jxxx CrL Get Brightness
>A000 CrLf*A000 CrL Abort movement
>V000 CrLf*Vxxx CrL Firmware Version
>S000 CrLf*Smls CrL GetState
>I000 CrLf*I000 CrL debug Info ON
>E000 CrLf*E000 CrL debug Info OFF
```

State info

m – motor state, 0=stopped, 1=running

l – light state, 0=OFF, 1=ON

s – Snap Cap sate:

OPEN 1

CLOSED 2

TIMEOUT 3

OPEN\_CIRCUIT 4

OVERCURRENT 5

USERABORT 6

Bluetooth short commands: (1 byte, hex value)

- 1 ForceOpen
- 2 ForceClose
- 3 LampON
- 4 LampOFF
- 5 Abort
- 6 Increase light
- 7 Dim light
- 8 Open
- 9 Close

