

Serial Commands

setrate - this command sets the poll rate of the thermopile

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Example - setrate:10 - this set the poll rate to 10 fps
```

getrate - this command get the poll rate of the thermopile in integer

setoffset - this command sets the offset of the thermopile pixel

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Example - setoffset:0,2.0 - this set the pixel 0 offset to 2.0
```

getoffset - this command get the offset of the thermopile pixel

```
Example - getoffset
```

```
Return pixel number (int) and offset value (float).
```

```
Data starts with '{' and ends with '}'
```

```
{  
0,2.0  
1,2.0  
-  
-  
-  
63,2.3
```

getframe - this command get a frame from the thermopile

Example - getframe

Return pixel number (int) and temp value (float)

Data starts with '{' and ends with '}'

```
{  
0,2.0  
1,2.0  
-  
-  
-  
63,2.3
```

gettemp - this command get the thermistor value from the thermopile in float

setunitid - this command sets the id of the unit (32 bit integer)

Example - setrate:16532 - this sets the id of the unit

getunitid - this command get the poll rate of the thermopile in integer

setipaddr - this command sets the id of the unit (32 bit integer)

Example - setipaddr:1079733050 - this sets the ip address to 64.91.107.58

getipaddr - this command get the ip address of the unit in integer

setmode - this command sets the mode (0 - normal, 1 - stop, 2 - stream)

Example - setmode:0 - this sets the unit to normal operation

getmode - this command get the mode of the unit

setthresh - this set the tracker threshold use for detecting peak. Currently default to 2.0f.

Example - setthresh:2.0

getthresh - this command get the tracker threshold of the unit