

Here is the list of command/response and their description, all command and response end with '#' :

Rotation Controller, all commands are lower case :

Command	response	description	Example
<b>a</b>	a	Tell everything to STOP!	command : a# response : a#
<b>b</b>	b	Reconfigure ethernet	command : b# response : b#
<b>c</b>	c	Calibrate the dome to get the number of steps per rotation	command : c# response : c#
<b>d</b>	d	Restore default values for motor control	command : d# response : d#
<b>e</b>	eXXXX	Get/Set stepper acceleration	command : e# response : e7000# command : e6400# response : e6400#
<b>f</b>	f01:02:03:04:05:06	Get the ethernet MAC address.	command : f# response : f01:02:03:04:05:06#
<b>g</b>	gDDD.dd	Get dome azimuth or move to new position (GoTo)	command : g# response : g321.50# command : g123.45# response : g123.45#
<b>h</b>	h	Execute a find home.	command : h# response : h#
<b>i</b>	iDDD.dd	Get/Set home position	command : i# response : i0.00# command : i180.00# response : i180.00#
<b>j</b>		get/set the IP address	command : j# response : j192.168.0.99#
<b>k</b>		Get volts and set voltage cutoff (if you're on battery)	command : k# response : k1219,1150# command : k1150# response : k1214,1150#
<b>l</b>		Get/Set park azimuth	command : l# response : l321.50# command : l321.50# response : l321.50#
<b>m</b>		Get Slewing status/direction response is -1,0 or 1 for ccw, not moving, cw)	command : m# response : m0#
<b>n</b>		Get/Set action when rain sensor triggered (0: do nothing, 1: home, 2: park)	command : n# response : n2#
<b>o</b>		check if the shutter has responded to pings (0: no response from shutter, 1: Shutter response to ping received, communication ok)	command : o# response : o1#

Command	response	description	Example
<b>p</b>		get/set the ip subnet	command : p# response : p255.255.255.0# command : p255.255.0.0# response : p255.255.0.0#
<b>q</b>		get/set the XBEE PAN ID	command : q# response : q4242# command : q1234# response : q1234#
<b>r</b>		Get/Set step rate (speed)	command : r# response : r8000# command : r7000# response : r7000#
<b>s</b>		Sync to new Azimuth	command : s321.5# response : s321.50#
<b>t</b>		Get/Set Steps per rotation	command : t# response : t440640# command : t440655# response : t440655#
<b>u</b>		get/set default gateway IP	command : u# response : u192.168.0.1# command : u192.168.250.1# response : u192.168.250.1#
<b>v</b>		Get Firmware Version	command : v# response : v2.645#
<b>w</b>		get/set DHCP mode (0: DHCP on, 1: DHCP off)	command : w# response : w0# command : w1# response : w1#
<b>x</b>		force a XBee reconfig	command : x# response : x#
<b>y</b>		Get/Set stepper reversed status ( 0: normal, 1: reversed)	command : y# response : y0# command : y1# response : y1#
<b>z</b>		Get homed status ( 0: no at home, 1: has homed, 2: at home, has homed [1] is currently not use and might be remove if future version).	command : z# response : z0#

The F commands is also recognized by the rotation controller and return the rain sensor status (see shutter command).

Shutter Controller, all commands are upper case :

[illegible]