

EasyGoPiGo3 Functions

drive_cm (distance)

Arguments	distance: distance to drive forwards (in centimeters)
Description	Drive forward for the distance requested and stop.
Example	drive_cm (50) <i>Drives forward for 50 centimetres and stops.</i>

turn_degrees (angle)

Description	Makes the GoPiGo3 robot rotate on the spot by a specific angle.
Arguments	angle: a float value between -180 and 180 angle < 0 rotates anti-clockwise angle > 0 rotates clockwise.
Return Value	none
Example	postman.turn_degrees(180) <i>Rotate the GoPiGo3 clockwise through 180 degrees</i>

set_eye_color ([red, green, blue])

Description	Sets the LED color for both of GoPiGo3's eyes.
Arguments	red: an integer value from 0-255 green: an integer value from 0-255 blue: an integer value from 0-255 <i>The square brackets are important!</i>
Return Value	none
Example	postman.set_eye_color([255,0,0]) postman.open_eyes() <i>Sets both eyes to red.</i> IMPORTANT: after setting the color of GoPiGo3's eyes you must call open_eyes() to update the color of both eyes.

open_eyes (), close_eyes()

Description	Opens or closes GoPiGo3's eyes.
Arguments	none
Return Value	none
Example	<pre>postman.set_eye_color([0,255,0]) postman.open_eyes()</pre> <p><i>The call to open_eyes() illuminates both eyes with the last set color. In this case, both eyes will light up green.</i></p>