





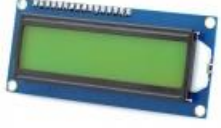






Bill of Materials

	<p>Hitec 59411 Servo Wire 50' 3 Color</p>	<p>\$11.99 Quantity: Depends on how far away your blinds are.</p>
	<p>TowerPro SG5010 servo</p>	<p>\$12.95 Quantity: 3 (1 for each window)</p>
	<p>SainSmart 8-Channel Relay Module</p>	<p>\$18.00 Quantity: 1</p>
	<p>Gino 10 Pcs Electrical Panel Mounted 5 x 20mm Fuse Holder (Don't forget the fuse! 10Amp should be fine.)</p>	<p>\$6.20 Quantity: 1 (10pc set was the cheapest I found)</p>
	<p>BUD Industries JB-3959-KO Steel NEMA 1 Sheet Metal Junction Box with Knockout and Lift-off Screw Cover, 8" Width x 10" Height x 6" Depth, Gray Finish (Or something similar. This box is a bit overkill for what we are doing.)</p>	<p>\$24.09 Quantity: 1</p>

Lighting and Blinds - Home Automation Project

	<p>Arduino Mega 2560 R3</p>	<p>\$62.81 Quantity: 1 Note: You can find knock off brands for cheaper, but wary!</p>
	<p>LCD Module Shield for Arduino</p>	<p>\$10.32 Quantity: 1 Note: Not necessary, but displays are cool!</p>
	<p>Wall Power Supply – 9V 2Amps</p>	<p>\$3.00 Quantity: 2 (1 for the Arduino, 1 for the relays)</p>
	<p>USB 2.0 Cable Type B</p>	<p>\$3.00 Quantity: 1 Note: Used to program the Arduino</p>
	<p>JY-MCU Bluetooth Wireless Serial Port Module</p>	<p>\$7.36 Quantity: 1 Note: You could also use a WiFi module, although Bluetooth is easier for beginners.</p>
	<p>Breadboard Jumper Wires Kit</p>	<p>Price varies</p>