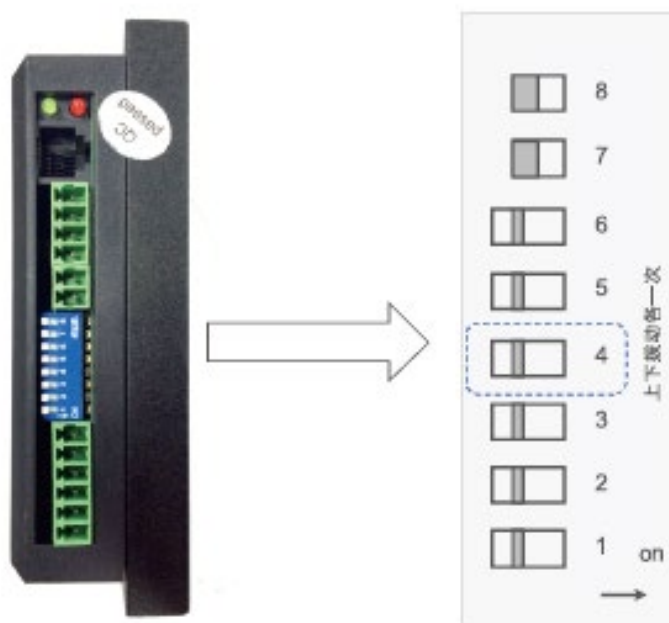
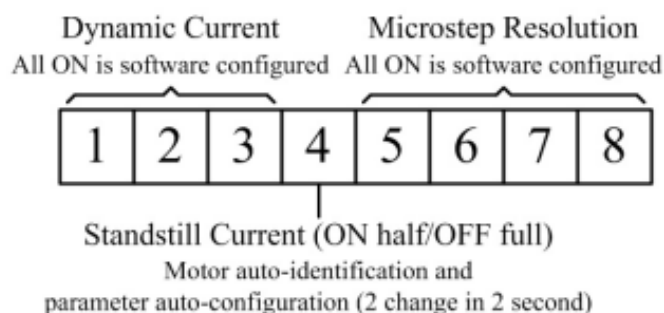


## How to modify the current value of the drive- Scout2/Voyager

➔ First—Selecting Microstep Resolution and Drive Output Current Microstep resolutions and output current are programmable, the former can be set from full-step to 102,400 steps/rev and the latter can be set from 0.5A to 4.2A. See more information about Microstep and Output Current Setting in Section 13. However, when it's not in software configured mode, this drive uses an 8-bit DIP switch to set microstep resolution, and motor operating current, as shown below:



## Dynamic current setting

Peak Current	RMS Current	SW1	SW2	SW3
Default/Software configured (0.5 to 4.2A)		ON	ON	ON
1.46A	1.04A	OFF	ON	ON
1.91A	1.36A	ON	OFF	ON
2.37A	1.69A	OFF	OFF	ON
2.84A	2.03A	ON	ON	OFF
3.31A	2.36A	OFF	ON	OFF
3.76A	2.69A	ON	OFF	OFF
4.20A	3.00A	OFF	OFF	OFF

NOTE: Notes: Due to motor inductance, the actual current in the coil may be smaller than the dynamic current setting, particularly under high speed condition;

➔ Second: restart the machine after the setup is complete;