

Command:INFO (I)

MS2000 or RM2000 syntax

Shortcut	I
Format	INFO [axis]

Tiger syntax

Shortcut	I
Format	INFO [axis]
Type	Axis-Specific

This command returns the current values of various variables and constants that control the way the specified axis performs, as well as its current status.

Example

```

I X
Axis Name ChX:      X           Limits Status: f
Input Device  :      JS_X [J]   Axis Profile :STD_CP_ROT
Max Lim      :    110.000 [SU]  Min Lim      :   -110.000 [SL]
Ramp Time    :      100 [AC] ms Ramp Length   :    25806 enc
Run Speed    :    5.74553 [S]mm/s vmax_enc*16 :    12520
Servo Lp Time:      3         ms Enc Polarity  :      1 [EP]
dv_enc       :      368         LL Axis ID   :      24
Drift Error  :  0.000400 [E] mm enc_drift_err:      18
Finish Error :  0.000024 [PC] mm enc_finsh_err:      1
Backlash    :  0.040000 [B] mm enc_backlash  :    1815
Overshoot   :  0.000000 [OS] mm enc_overshoot:      0
Kp          :      200 [KP]   Ki            :      20 [KI]
Kv          :      15 [KV]   Kd            :      0 [KD]
Axis Enable  :      1 [MC]   Motor Enable :      0
CMD_stat    :    NO_MOVE     Move_stat   :      IDLE
Current pos  :    0.0000     mm enc position :      0
Target pos   :    0.0000     mm enc target  :      0
enc pos error:      0         EEsum        :      0
Lst Stle Time:      0         ms Av Settle Tim:      0 ms
Home position: 1000.00     mm Motor Signal :      0
mm/sec/DAC_ct: 0.06700 [D]   Enc Cnts/mm :  45397.60 [C]
Wait Time    :      0 [WT]   Maintain code:      0 [MA]

```

The INFO dump shows command shortcuts inside the square brackets, which you can use to change parameters, where applicable.

[commands](#), [tiger](#), [ms2000](#)

From:

<https://asiimaging.com/docs/> - **Applied Scientific Instrumentation**

Permanent link:

<https://asiimaging.com/docs/commands/info>

Last update: **2025/09/09 14:50**

