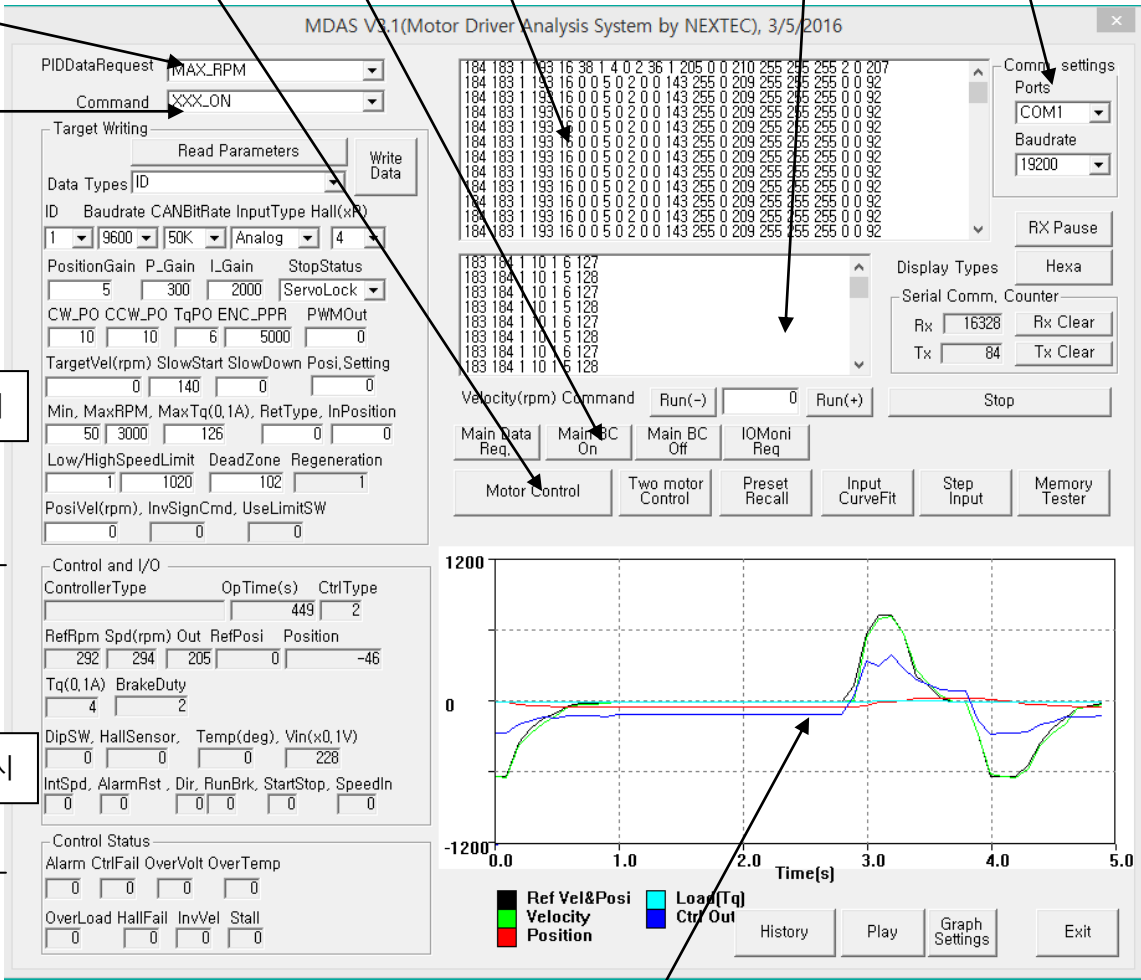
	Name of document <b>SPECIFICATION</b>	Version <b>V1.0</b>	Page <b>1</b>
Issuer (dept., name, phone, sign.) <b>motordriver@nate.com</b>	Subject <b>MDAS(Motor Driver Analysis System)</b>	Date <b>16-09-26</b>	Insert

## 입력모드(Input mode)셋팅하기




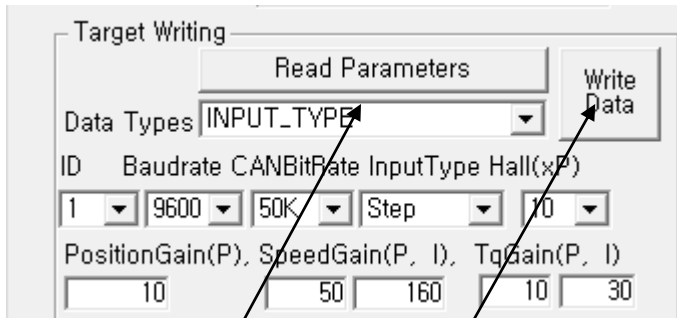
The image shows the MDAS V1.1 software interface with several annotations in Korean boxes pointing to specific features:

- 모션제어** (Motion Control): Points to the 'Command' dropdown menu.
- 데이터요청** (Data Request): Points to the 'PIDDataRequest' dropdown menu.
- 명령 선택** (Command Selection): Points to the 'Command' dropdown menu.
- 데이터 쓰기** (Data Write): Points to the 'Write Data' button.
- 데이터 표시** (Data Display): Points to the 'Data Types' section.
- RX 데이터 표시** (RX Data Display): Points to the 'RX' data stream window.
- TX 데이터 표시** (TX Data Display): Points to the 'TX' data stream window.
- 통신 단축명령** (Communication Shortcut Command): Points to the 'Command' dropdown menu.
- 통신셋팅** (Communication Settings): Points to the 'Comm. settings' panel.
- 그래프** (Graph): Points to the 'Graph' window showing velocity and position over time.

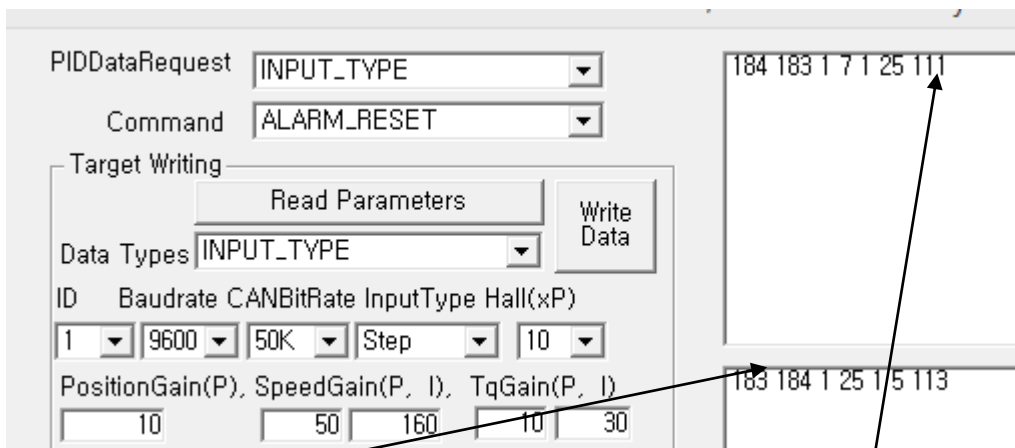
The software interface includes the following sections:

- Control and I/O:** Includes fields for ControllerType, OpTime(s), CtrlType, RefRpm, Spd(rpm), Out, RefPosi, Position, Tq(0.1A), BrakeDuty, DipSW, HallSensor, Temp(deg), Vin(x0.1V), IntSpd, AlarmRst, Dir, RunBrk, StartStop, SpeedIn.
- Control Status:** Includes checkboxes for Alarm, CtrlFail, OverVolt, OverTemp, OverLoad, HallFail, InvVel, Stall.
- Serial Comm. Counter:** Includes fields for Rx (16328) and Tx (84) with 'Rx Clear' and 'Tx Clear' buttons.
- Graph:** A line graph showing 'Ref Vel&Posi' (black), 'Velocity' (green), 'Position' (red), and 'Load(Tq) Ctrl Out' (blue) over a time range of 0.0 to 5.0 seconds.


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ReadParameter 버튼을 눌러서 제어기 파라미터를 전부 읽어온다.  
Data types의 콤보박스에서 INPUT\_TYPE을 설정한다.  
WriteData 버튼을 눌러서 명령을 보낸다.



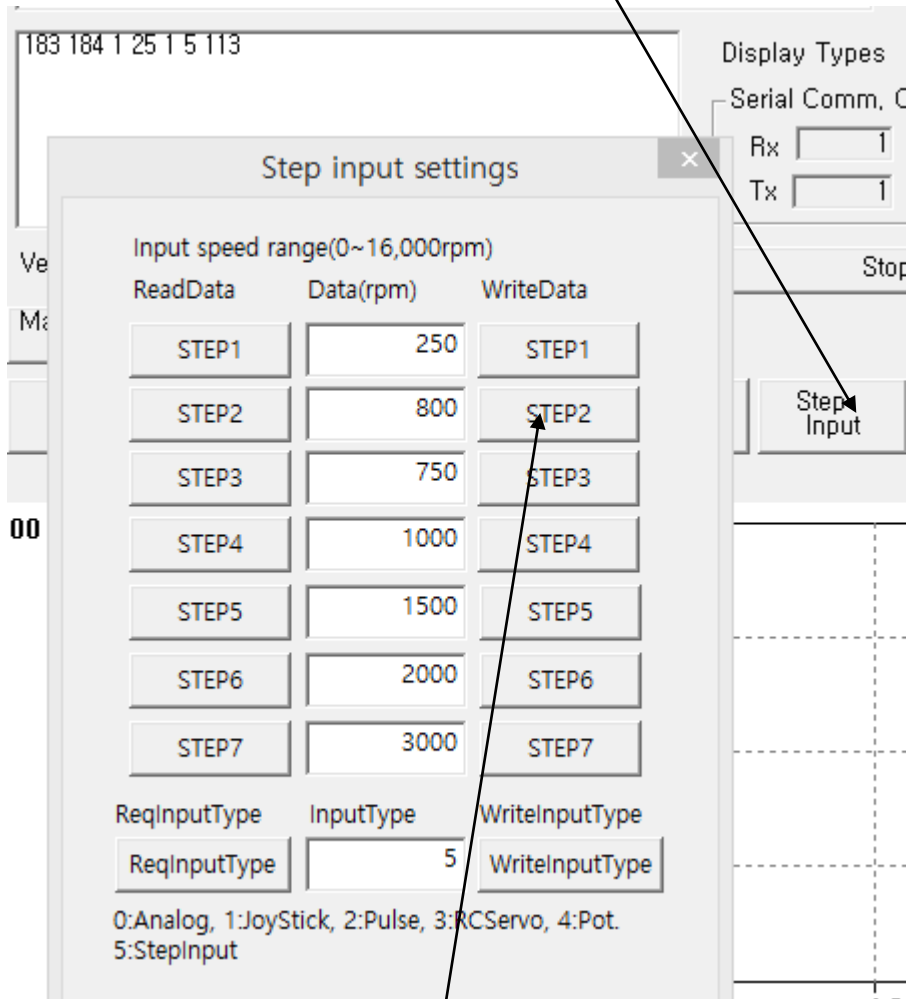
보내는 명령  
제어기가 INPUT\_MODE를 STEP으로 설정했다는 응답(명령받았다는 신호)

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CTRL 커넥터의 2 번(INT\_SPEED), 7 번(RUN/BRAKE), 8 번(START/STOP)  
을 조합하여 계단명령을 입력한다.

이때에 혹 모터가 움직이지 않으면 각각의 스텝회전수가 설정되지 않는 경우이므로  
다음으로 이를 설정한다.

StepInput 버튼을 눌러서 입력창을 띄운다.



입력창에 원하는 값을 넣고 버튼을 누른다.

- 이상 -