

ROBOCUBE

MOTOR CONTROLLER



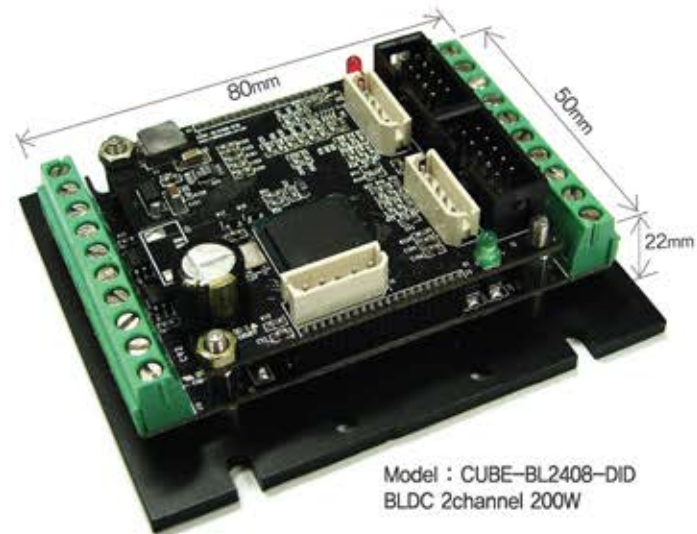
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➤ Network Based Real Time Controller

- Real time Position/Velocity/Current control (32bit position value / $\sim 40,000\text{rpm}$ / $\sim 64\text{A}$)
- Real time Position/Velocity/Current command update period : 2ms \sim 100ms
- Position/Velocity/Acceleration value can be changed at anytime (in point to point position control mode)
- RS232C, RS485, CAN interface
- LAN, USB interface option

➤ Ultra Compact Size

- Small size
 - 400W model : 80 x 50 x 25mm (1ch)
 - 200W model : 78 x 50 x 25mm (2ch)
 - 100W model : 66 x 39 x 25mm (2ch)
 - 50W model : 66 x 39 x 25mm (2ch)
- One board drives two motor



➤ Additional Feature

- 2 axis linear interpolation
- PLC feature (command type user sequence program save & run)
- Real time Position, Velocity, Current, Power, Torque monitor
- Estimated motor temperature & Protection motor over temperature
- Protection Over Current/Voltage, Low Voltage, Counter Electromotive Force
- Auto Tuning (State Feedback Control)
- Auto Tuning (PID Control)



DC SERIES
DC-Motor
Controller



BLDC SERIES
Brushless DC-Motor
Controller



STEP SERIES
Stepper Motor
Controller



**AUTOMATION
SERIES**
STEP DC24V



**AUTOMATION
SERIES**
BLDC DC72V



**AUTOMATION
SERIES**
BLDC AC220V