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**GUANGDONG KAIFULL ELECTRONICS
 TECHNOLOGY CO., LTD.**

■ Suzhou Branch ■ Ningbo Branch ■ Wuhan Branch ■ Shanghai Branch

Tel.:400-960-1069

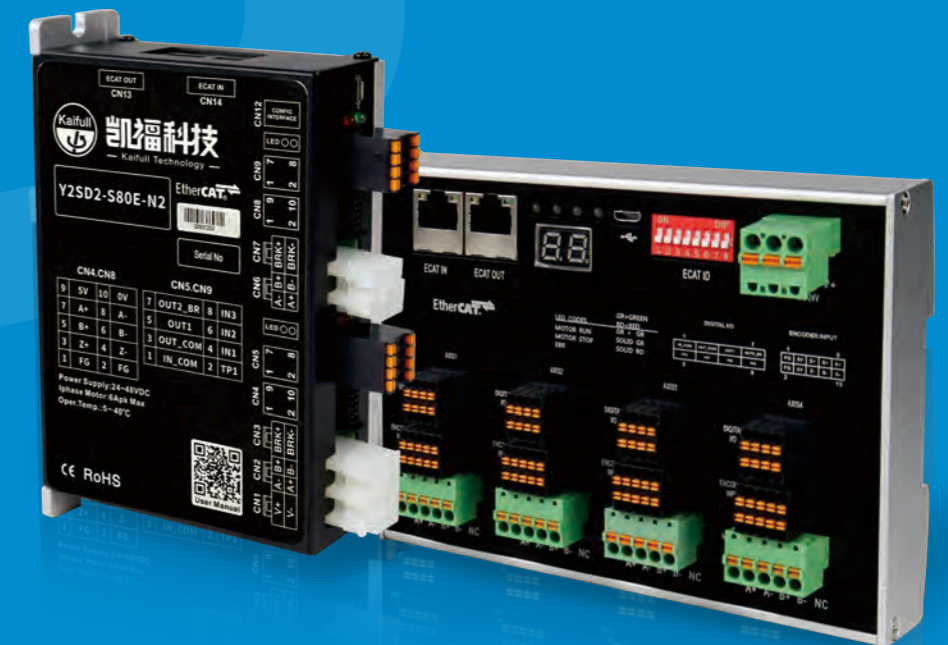
Website:www.kaifull-motor.com

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Address: Kaifull Science and Technology Park, No.5 Gaolong East Road, Gaofang Town, Dongguan City, Guangdong Province

MULTI AXIS STEPPER DRIVER

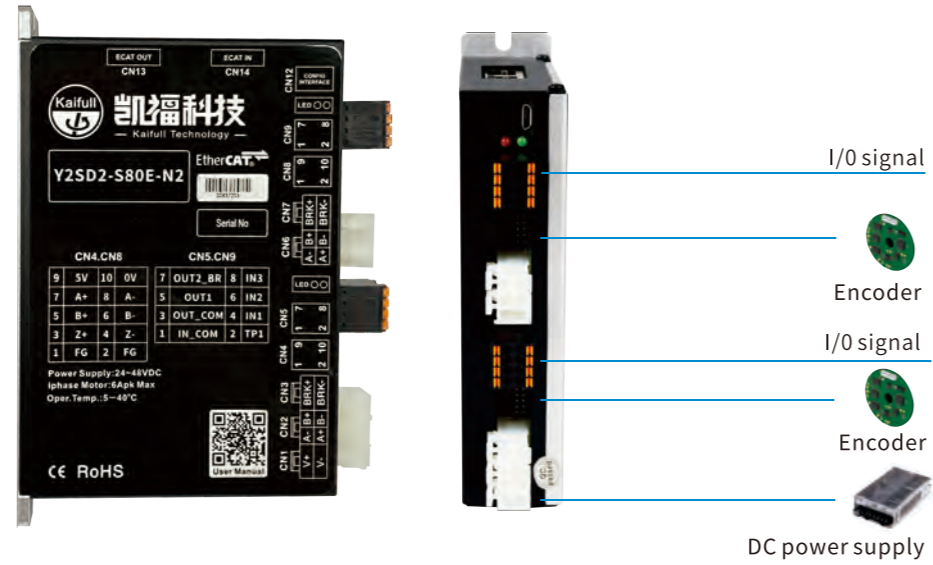
- **More powerful**
LED display, USB debugging interface
- **Modbus control Supports**
EtherCAT bus control
- **Save installation space**
Two-axis, four-axis version,
horizontal version, vertical version structure
- **High performance**
Support absolute encoder
high precision grating ruler
- **Ease of use**
Brake direct drive,
no external relay required
- **Suitability**
Suitable for standard 20,
28, 42, 57, 60, 86 base
stepper servo motor



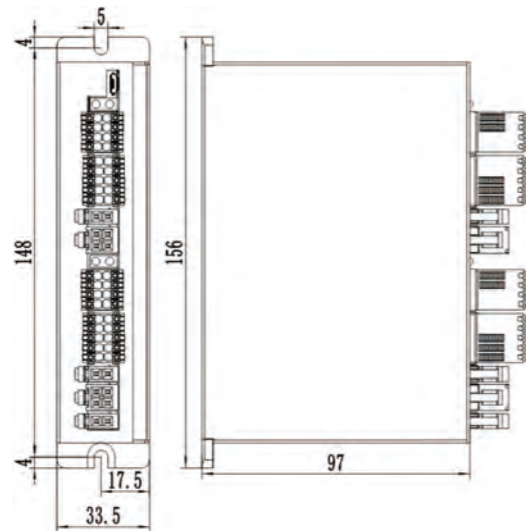
Y2SD2-S80E-N2/Y2SD2-S80A-N2 EterCAT(TWO IN ONE)



Wiring diagram



Mechanical dimension (unit:mm)



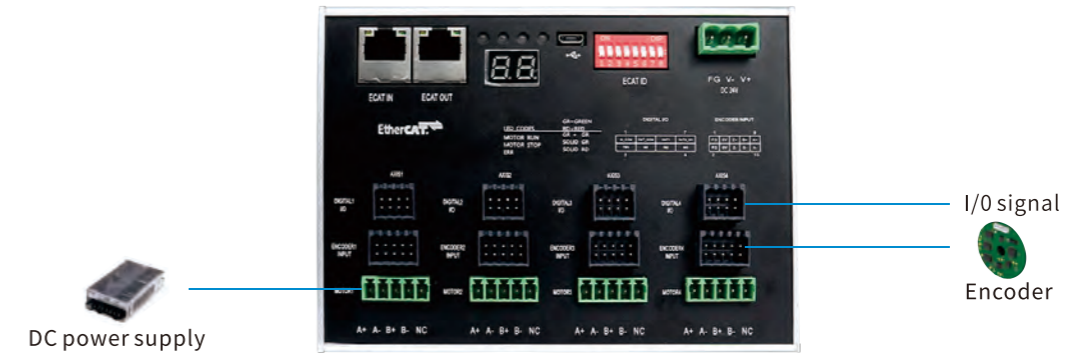
Specification

Driver type	Y2SD2-S80E-N2	
Adaptive motor	Suitable for two-phase hybrid incremental stepper motor, up to 6.5A(peak)	
Power supply	DC 24V~48V	
Output current	0.4A~6.5A/ phase (peak)	
Driving mode	Full bridge bipolar PWM drive	
Device initialization time	2s	
Input signal	1 paths probe input	H=24V, L=0-0.8V Optocouple input voltage :H=24V, L=0-0.8V 5~8mA Conduction current 5~8mA
	3 paths universal input signals	
Output signal	2 paths universal output signals	Photoelectric isolation output, maximum withstand voltage 30VDC, maximum saturation current 50mA
	1 paths lock output	
Dimension	156x97x34mm (without connectors)	
Weight	About 500g	

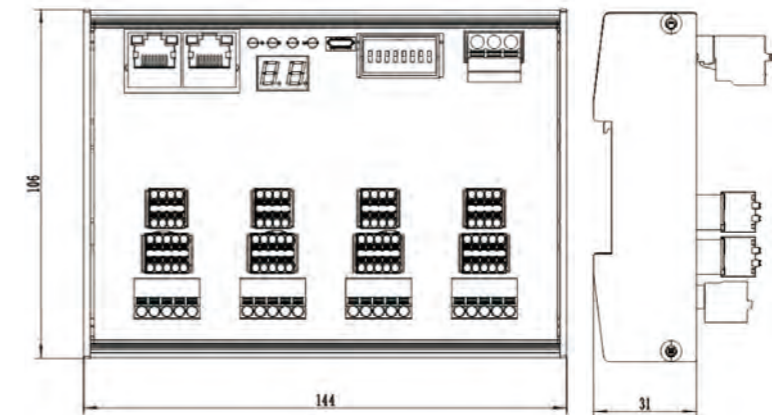
Y2SD2-S80E-N4 EterCAT(FOUR IN ONE)



Wiring diagram



Mechanical dimension (unit:mm)



Specification

Driver type	Y2SD2-S80E-N4	
Adaptive motor	ADAPTS to two-phase open/closed-loop incremental stepper motors, Max ADAPTS to 3.0A(peak)	
Power supply	DC 12V-36V	
Output current	0.4A~3.0A/ phase (peak)	
Driving mode	Full bridge bipolar PWM drive	
Device initialization time	2s	
Input signal	1 paths probe input	H=24V, L=0-0.8V Optocouple input voltage :H=24V, L=0-0.8V 5~8mA Conduction current 5~8mA
	3 paths universal input signals	
Output signal	2 paths universal output signals	Photoelectric isolation output, maximum withstand voltage 30VDC, maximum saturation current 50mA
Dimension	144x106x31mm (without connector)	
Weight	About 450g	