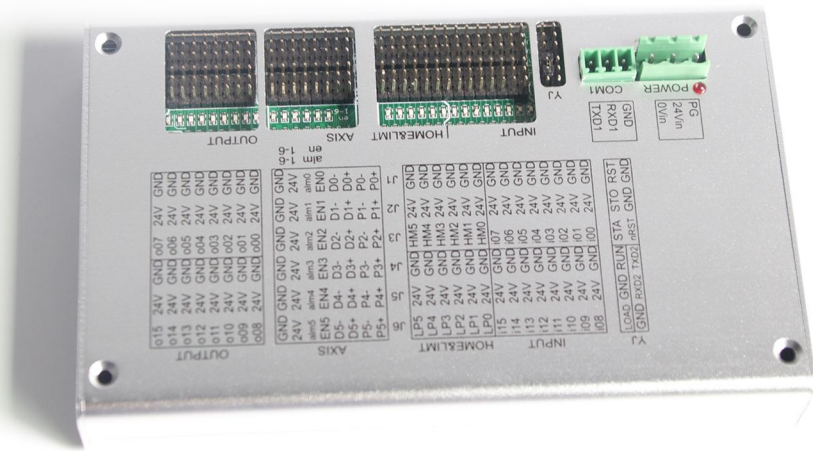# STM-32 Control System

Features:

1. 6 Degrees of freedom tandem articulated manipulator control algorithm.

2. In addition to ordinary functions, it provides control interface API instructions and samples, which are suitable for users such as automated production line integration and development of their own characteristic operating software.

3. Provide DLL function interface to facilitate secondary development, and provide routine source code.

4. The provided control software can be used directly and supports G code operation

Technical parameters

Number of control axes	Robot standard 6 axis
Teaching box	Mode switch, safety switch, emergency stop button
Interface	1.16 points dedicated output 2.16 points dedicated input 3. Terminals for robots 4. RS23 2 communication, RS4 85 communication
Way to control	Teach Pendant/PC-side host computer/C/C++ SDK
Motor function	Keyboard input, teaching reproduction Process programming
Motor function	Point to point, straight line, arc
System instructions	Motion, logic, calculation, technology
Coordinate System	Joint coordinates, user coordinates, tool coordinates, world coordinates
System Algorithm	1. Vertical multi-joint tandem robot 2. Vertical multi-joint parallelogram robot 3. Vertical multi-joint L-shaped wrist robot 4. Polar coordinate robot 5. Horizontal joint robot 6.Delta robot 7. Special dedicated robot