



Main Features

- Compact size
- Suitable for small payload Articulated, SCARA and Delta robot
- Provide PoE for machine vision application
- Provide EtherCAT extension port for connecting more EtherCAT slaves
- Provide Extension digital I/O: 16in/16out
- Integrated with NexCOBOT robotic controller: NexGRC
- Integrated with NexCOBOT teach pendant: TP-200

Product Overview

NexCOBOT Robot Control System (RCS) ensures simple and powerful robotic automation. RCS adapts NexCOBOT intelligent PC-based robotic controller and integrates with NexCOBOT's robotic control software, NexGRC, which is an efficient and flexible robotic control system. RCS is designed for small payload robots such as articulated robot, SCARA robot, and Delta robot. RCS also provide EtherCAT port and PoE port for user to connect to EtherCAT slaves and machine vision devices, let the robot system easily to extend axis control and integrate with machine vision application.

Specifications

Power Input

- Single-phase 220VAC

Supported Motor Watt

- Max 750W x 6

Supported Encoder Interface

- Tamagawa, Nikon

Digital I/O

- 16 in/16 out

Supported Teach Pendant

- TP-200

Communication

- 3 x Ethernet, 1 x EtherCAT extension

Dimensions

- 480(W) x 552(D) x 264(H) mm

Weight

- 32 kg

Pre-Installed NexGRC Software Package

- Operating system: Windows Embedded Standard 7
- NexGRC robot control software
- NexMotion Studio

NexGRC Robot Control Software

- Single Axis Motion: PTP, Jog, Halt, Stop, Speed/ACC/DEC override, blending
- Group Motion: PTP, Linear, Circular, Speed/ACC/DEC override, blending
- Supported Group Types: Articulated 6 axis 、Cartesian 、SCARA 、Delta
- Example: VC\C#

Ordering Information

RCS 200-6Axis (P/N:TBC)

Robot Control Cabinet For Articulated Robot

Dimension Drawing

