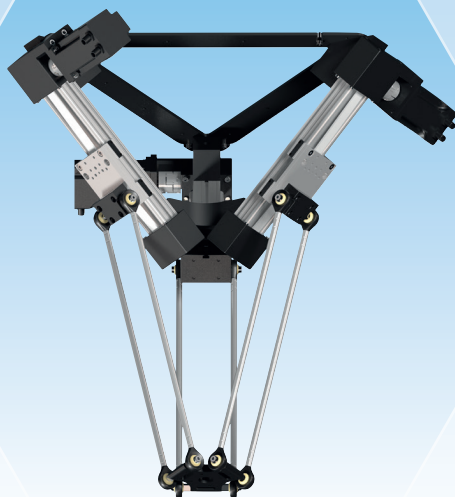
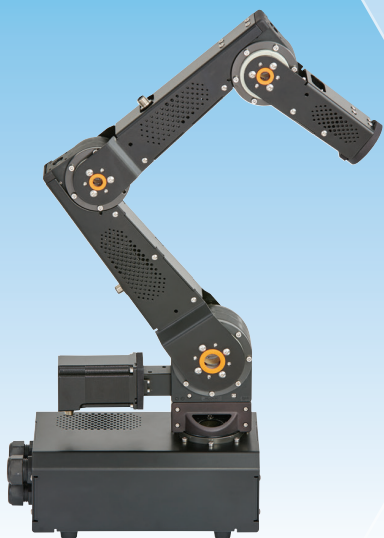


Low-Cost-Robot Solutions

PC-Base Robot Controller



robolink® DC robots



Assembly Tasks

Pick-and-Place

Computer Vision Inspection

Gluing and Dosing

Specification

- Modular approach.
- Low cost / High flexibility: wide choice of end effectors.
- Light weight construction.
- Precision ≤ 1 mm.
- 2-5 degrees of freedom (DOF).
- Lubrication-free.
- Free CAD downloads.
- Robotix design and simulate online.

Ordering Information

5 DOF	SMALL SIZE (SV)		BIG SIZE (BV)	
	With motor encoder & INI		With motor encoder & INI	
Weight [kg]	13.2		22.4	
Range [mm]	680		790	
Payload [g]	500		2,500	
Precision [mm]	1		1	
Part No.	RL-D-RBT-3322S-BC	RL-D-RBT-3322S-AE	RL-D-RBT-5532S-BC	RL-D-RBT-3322S-AE

drylin® Delta robots



Assembly Tasks

Pick-and-Place

Packaging

Assorting

Specification

- Lubrication-free and maintenance-free drylin® W toothed belt axis.
- Pick rate of 60/min.
- Lightweight components made of plastic and aluminium.
- Workspace up to Ø 360 mm.
- If required, pre-assembled, including transport frame or installation kit.
- Precise positioning due to motors with encoders.
- Adapter plate for connection to T-slot profiles.
- Optional: e-chain® TRC.30/TRE.30 triflex® R series.

Ordering Information

Article number	Assembly kit	Assembled	Controller	Motors	Space requirement
DLE-DR-0050	●			●	937
DLE-DR-0051		●		●	937
DLE-DR-0001	●			●	730
DLE-DR-0002		●		●	730

PC-Base Robot Controller

ERC-3204D-R5AR



System	
Operating system	Windows Embedded Standard 7 64 bit
CPU	Intel® Pentium® N3710 Processor 1.6GHz/2.56GHz (Boost)
Memory	Dual Channel DDR3L SO-DIMM socket with 1600MHz 8GB
Graphic chipset	Intel® HD Graphics 405
Power mode	AT/ATX; 2-pin Remote Power on/off switch

I/O Interface	
USB	4 x external USB 3.0; 2 x external USB 2.0; 1 x internal USB 2.0 for Keypro
Serial port	5 x RS-232; 1 x RS-232/422/485; 2 x RS485
LAN	Intel® I211-AT, 10/100/1000Mbps
GPIO	Isolated 8 DI + 8 DO
Storage	1 x mSATA SSD; 1 x C-Fast (Option)

Ordering Information

- ERC-3204D-R5ARS-K2213
5-Axis Kit for igus Small Robot
 - ERC-3204D Controller
 - SVR-K112 x 2 + SVR-K111 x 3
- ERC-3204D-R5ARS-K2213A
5-Axis System for igus Small Robot
 - ERC-3204D Controller
 - SVR-K112 x 2 + SVR-K111 x 3
 - 207-D222-NNS x 1
 - Power supply - NDR-480-24 x 1
 - Assembled with box

PC-Base Robot Controller

ERC-3204D-R3DR



System	
Operating system	Windows Embedded Standard 7 64 bit
CPU	Intel® Pentium® N3710 Processor 1.6GHz/2.56GHz (Boost)
Memory	Dual Channel DDR3L SO-DIMM socket with 1600MHz 8GB
Graphic chipset	Intel® HD Graphics 405
Power mode	AT/ATX; 2-pin Remote Power on/off switch

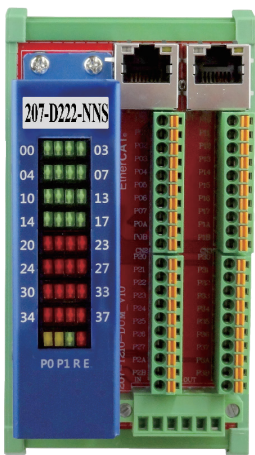
I/O Interface	
USB	4 x external USB 3.0; 2 x external USB 2.0; 1 x internal USB 2.0 for Keypro
Serial port	5 x RS-232; 1 x RS-232/422/485; 2 x RS485
LAN	Intel® I211-AT, 10/100/1000Mbps
GPIO	Isolated 8 DI + 8 DO
Storage	1 x mSATA SSD; 1 x C-Fast (Option)

Ordering Information

- ERC-3204D-R3DRS-K2213
3-Axis Kit for igus Small Robot
 - ERC-3204D Controller
 - SVR-K112 x 3
- ERC-3204D-R3DRS-K2213A
3-Axis System for igus Small Robot
 - ERC-3204D Controller
 - SVR-K112 x 3
 - 207-D222-NNS x 1
 - Power supply - NDR-480-24 x 1
 - Assembled with box

EtherCAT® Digital Slave

207-D222-NNS



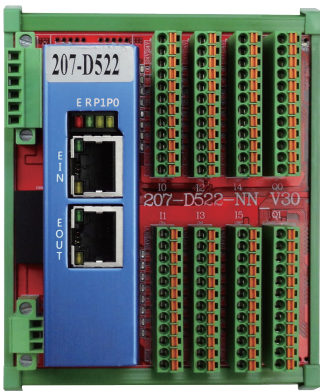
EtherCAT® 32-Ch.DI/O

Features

- Max. 100Mbps transfer rate
- Easy installation with RJ45 phone jack and LED diagnostic
- Pluggable terminal block with spring plug connectors
- DIP switch for address setting
- DIN rail mounting (L-122 x W-65 x H-104 mm)

- ▶ 207-D222-NNS 16-Ch. DI and 16-Ch. DO with NPN type
- ▶ 207-D222-PPS 16-Ch. DI and 16-Ch. DO with PNP type

207-D522-NN/PP



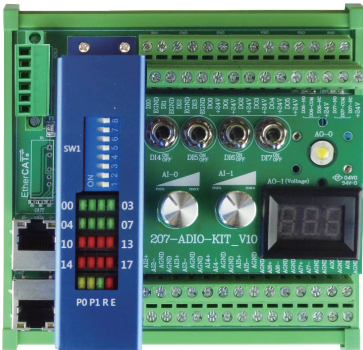
EtherCAT® 64-Ch.DI/O

Features

- Max. 100Mbps transfer rate
- Easy installation with RJ45 phone jack and LED diagnostic
- Pluggable terminal block with spring plug connectors
- DIP switch for address setting
- DIN rail mounting (L-122 x W-65 x H-104 mm)

- ▶ 207-D522-NN 32-Ch. DI and 32-Ch. DO with NPN type
- ▶ 207-D522-PP 32-Ch. DI and 32-Ch. DO with PNP type

207-ADIO-KIT



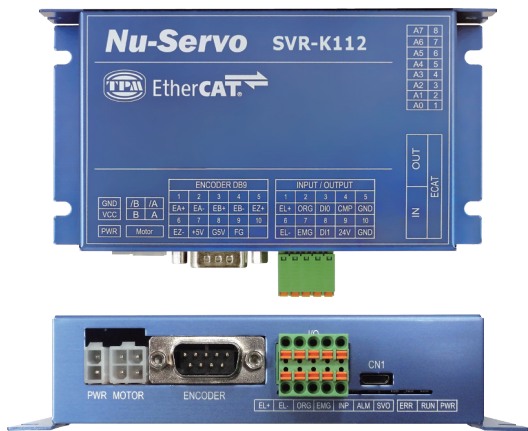
EtherCAT® AI/O DI/O Start-Kit

Features

- Max. 100Mbps transfer rate
- Liable to do AI/O & DI/O test with toggle and rotary switch
- Easy installation with RJ45 phone jack and LED diagnostic
- DIN rail mounting (L-122 x W-124 x H-104 mm)

EtherCAT® Driver Slave

SVR-K112



Close-Loop Driver

Features

- Max. 100Mbps transfer rate
- Close-Loop Control
- 2-phase bi-polar current driving system
- K111: 2.8A (RMS) / K112: 4.2A (RMS)
- Resolution: 500~50000 pulse/revolution
- Encoder feedback
- DIP switch for address setting
- Dimensions: L-74 x W-140 x H-31 mm

STP-K112



Micro-Step Driver

Features

- Max. 100Mbps transfer rate
- 2-phase bi-polar current driving system
- K111: 2.8A (RMS) / K112: 4.2A (RMS)
- Resolution: 500~50000 pulse/revolution
- DIP switch for address setting
- Dimensions: L-74 x W-140 x H-31 mm

STP-K121-KITB



2-Axis Motion Start-Kit

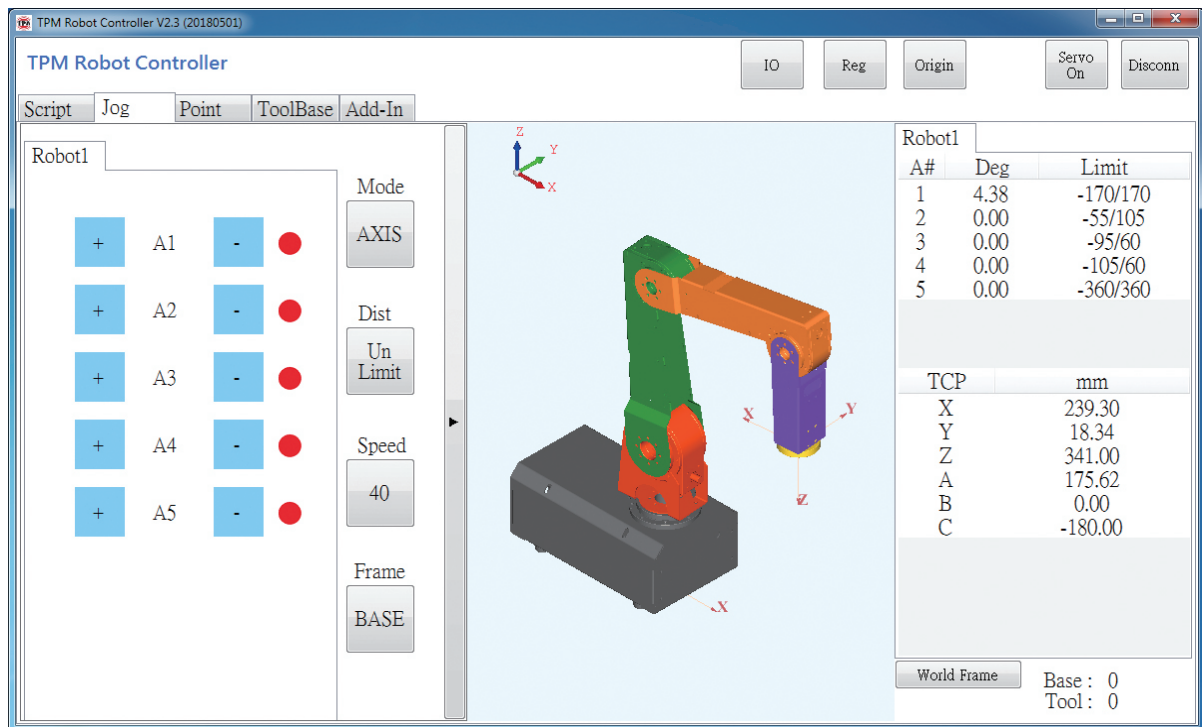
Features

- Max. 100Mbps transfer rate
- Ultra compact, a 2-axis driver integrated controller
- 2-phase bi-polar current driving system
- 2-phase motor x 2
- Max. output current 1.8A
- 1/256 micro step, 500~50000 pulse/revolution
- DIP switch for address setting

Operation

Robotix Operation Software

ERC-3204D-R5AR



ERC-3204D-R3DR

