DENSO Robotics   Version Upgrading Information

Notice on Additional and Improved Functions of Controller and Software [August 2021]

Thank you for your continued patronage of the DENSO Robotics products.
Please be informed that the following functions will be improved and added in step with upgrading the RC9 Controller, RC8 Controller, COBOTTA, and various software versions. We will continue improving our services for our customers, and we wish to ask for your continued patronage.

● Version

RC9 Controller	**Ver. 1.2.1**
RC8 Controller/COBOTTA	**Ver. 2.16.0**
WINCAPS III	**Ver. 3.61.2**
RC Vision	**Ver. 1.4.4**
VRC	**Ver. 2.16.0**

● Item

[RC9 Controller]

	Classification	Item
1	New function	Addition of TwinCAT 3 robot motion control function
2	New function	Support for external TCP function
3	New function	Support for traveling shafts in virtual fence function
4	New function	Support for Ping command
5	New function	Support for Pallet. CalcPosTurning command

[RC8 Controller/COBOTTA]

	Classification	Item
1	Performance improvement	Support for COBOTTA upgrade module for COBOTTA equipped with the Vision Edition-C option.
2	Performance improvement	Support for login password changes

[WINCAPS III]

	Classification	Item
1	New function	Addition of model data as a type of send/receive data (RC9)
2	New function	Addition of an EVP2 program template

[RC Vision]

	Classification	Item
1	New function	Addition of function for saving captured images on EVP2 guidance

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● Item

[RC9 Controller]

Item	Outline
Addition of TwinCAT 3 robot motion control function	Function has been added for operating robots using command values from Beckhoff TwinCAT 3 Motion (electronic cams, etc.). This function enables direct control of robots from TwinCAT 3 Motion, making it possible to implement integrated control in TwinCAT 3.
Support for external TCP function	External TCP function has been supported. By utilizing this function, users can rotate a robot around the workpiece coordinate origin so that teaching can be easily performed based on a target object.
Support for traveling shafts in virtual fence function	Function has been added for operating a monitoring model that is linked to the current position of a specified traveling shafts.
Support for Ping command	This enables executing ping commands from Smart TP.
Support for Pallet. CalcPosTurning command	Pallet. CalcPosTurning command has been supported. This enables acquiring the position of the optimal arm configuration when executing this command with a 4-axis robot.

[RC8 Controller/COBOTTA]

Item	Outline
Support for COBOTTA upgrade module Vision Edition-C	Upgrade module can now be applied to COBOTTA units equipped with the Vision Edition-C option.
Support for login password changes	The login password can now be changed.

[WINCAPS III]

Item	Outline
Addition of model data as a type of send/receive data (RC9)	Model data has been added as a type of send/receive data to enable editing of virtual fence and monitoring area data received from an RC9 controller.
Addition of an EVP2 program template	An EVP2 wizard has been added to the program template. By utilizing templates, users can reduce programming time.

[RC Vision]

Item	Outline
Addition of function for saving captured images on EVP2 guidance	A button has been added to save the camera image.