

DENSO Robotics—Information on Version Upgrading

Notice of Additional and Improved Controller Software Functions [January 2021]

First of all, we would like to thank you for your continued patronage of DENSO Robot. With the recent upgrading of the RC8 Controller, the RC8A Controller, the COBOTTA, and various software, the following functions will be improved and added. We will continue improving our services to our customers, and we would like to ask for your continued patronage.

● Version

RC8 / RC8A Controller / COBOTTA	Ver. 2.13.0
WINCAPS III	Ver. 3.60.4
Robot Tools	Ver. 1.2.22
RC Vision	Ver. 1.4.1

● Items

[RC8 / RC8A Controller / COBOTTA]

	Classification	Items
1	Functional improvement	Rotate command improvement
2	Functional improvement	MC8 SCARA Kinematics settings—Expansion of J1 movable area
3	Additional function	Supports COBOTTA master control
4	Additional function	Master-Slave function—RC8 compatible
5	Additional function	COBOTTA button signal capture
6	Additional function	Addition of providers
7	Additional function	Addition of EVP2 program templates

[WINCAPS III]

	Classification	Items
8	Function change	Automatic activation of safety parameter tool

[Robot Tools]

	Classification	Items
9	Functional improvement	Bulk backup improvement

[RC Vision]

	Classification	Items
10	Functional improvement	Speeding up camera image acquisition

DENSO Robotics—Information on Version Upgrading

Notice of Additional and Improved Controller Software Functions [January 2021]

● Contents

[RC8 / RC8A Controller / COBOTTA]

Items	Overview
Rotate command improvement	Added an option to the Rotate command to fix the direction of rotation.
MC8 SCARA Kinematics settings Expansion of J1 movable area	In the kinematics setting for the MC8 SCARA, the movable range of one axis has been expanded from $\pm 180^\circ$ to $\pm 360^\circ$.
Supports COBOTTA master control	A new master function has been added to the master/slave function of the COBOTTA. This has made it possible to operate and teach large robots safely and intuitively.
Master-Slave function—RC8 compatible	A new slave function has been added to the master/slave function of the RC8. This has made it possible to operate and teach large robots safely and intuitively.
COBOTTA button signal capture	Support has been added for the PacScript command to get the COBOTTA button state and support for RC8 providers.
Addition of providers	The providers of the following products have been newly supported: <ul style="list-style-type: none"> • DENSO RFID Reader SE1-HU-P provider • KEYENCE LK-G3000 provider • KEYENCE LK-G3000LkIF provider • SICK PLOC2D provider
Addition of EVP2 program templates	Program templates have been added for the use of the EVP2. * Displayed when the EVP2 license is valid.

[WINCAPS III]

Items	Overview
Automatic activation of safety parameter tool	The specification has been changed to automatically activate the RC8A safety parameter tool after the safety parameters are sent from WINCAPS III. This function will prevent users from forgetting to send parameters from the RC8A Safety Parameter Tool.

[Robot Tools]

Items	Overview
Bulk backup improvement	The specification with initial value settings at the time of shipment has been changed so that the parameter value for the IP address will be set.

[RC Vision]

Items	Overview
Speeding up camera image acquisition	The image acquisition time of Basler and IDS cameras has been shortened when using EVP2.