

Software version		Category		Description	Note
RC8 controller	WINCAPS III				
1.1.2	3.41.0				
1.2.2	3.41.1	Function	Add	Correspond to XR robot-compatible Added models Added R-axis motion space setting	
		Function	Add	Added RC8Provider	
		Function	Add	Added area check function at start-up	
		Function	Add	Enabled to enter the license by Mini-pendant	
		PCS command	Change	Amended to be able to acquire Connected state by Comm.State.	
		PCS command	Change	Amended to be able to acquire the robot motion state by MotionState, Systate.	
1.3.6	3.42.0	Function	Add	Added Spline motion	
		Function	Add	Added Singular point avoidance function in manual mode	
		Function	Add	Added a function to search FIG value which achieves minimum displacement. (Fig--3)	
		Function	Add	Added Compliance function(sensor-less)	
		Function	Add	Added Detect function	
		PCS command	Add	Added Singular point avoidance command	
		PCS command	Add	Added positioning accuracy assignment of tool end function (@C option)	
		PCS command	Add	Added Static variables and Public variables	
		PCS command	Add	Added Mutex object (exclusion control)	
		PCS command	Change	Change ¥Operator	
		Function	Add	Correspond to EtherNet/IP adapter	
		Function	Add	Added I/O slave function	
		Function	Add	Added YAMAHA Single-axis Robots Controller Provider	
		Function	Add	Added YAMAHA Multi-axis Robots Controller Provider	
		Function	Add	Added CONTEC motion control board provider	
		Function	Add	Added CONTEC DIO Board Provider	
		Function	Add	Added CONTEC AIO Board Provider	
1.4.4	3.43.0	Function	Add	Added Collision detection function	
		Function	Add	Added the numerical display of I/O screen on the pendant.	
		Function	Change	Added vision provider of Omron and Cognex.	
		PCS command	Change	Correspond to Arrive command Spline motion	
		PCS command	Add	Added Join command	
		PCS command	Add	Added Split command	
		PCS command	Add	Added CurPathPoint command	
		PCS command	Add	Added Err.Raise command	
		PCS command	Add	Added WaitMotion command	
1.5.3	3.44.0	Function	Add	Added VS-6556/6577 robot series	
		Function	Add	Added Ambient temperature settings on the robot operation	
		Function	Add	Added Temperature drift offset function	
		Function	Add	Added Angular Trigger	
		Function	Add	Added extended-joint support function	
		Function	Add	Added MC8	
		Function	Add	Added conveyor tracking function	
		Function	Add	Support multiple-language (Dutch, Korean, Chinese)	
		Function	Add	Added WACOH 6-axis inner force sensor provider	
		Function	Add	Added b-CAP Slave function	
		Function	Add	Added FAN control function	
		Function	Add	Added IO Slave command	
		Function	Add	Added pass motion of position designation by the current position (encoder value)	
		Function	Add	Default priority of PCS was changed	
		Function	Add	Added EtherNet/IP communication header function	
		PCS command	Add	Added message box command	
		PCS command	Change	Change #include command. Wildcard (*.?) became available.	
		PCS command	Add	Added normalization function of the absolute path	
1.6.4	3.45.0	Function	Add	Added 6Axis Robots boundless rotation function	
		Function	Add	Correspond to Conveyor tracking and Omron encoder	
		Function	Add	Added normal vector calculation function	
		Function	Add	Path accuracy enhancement at high speed operation (for SCARA robots only)	
		Function	Add	Added the Compliance Function with Force Control Function	
		Function	Add	Added Sharp IV (the image processing device) provider	
		Function	Add	Support the Dialog output by using PrtMsg command	

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		Function	Add	Correspond to Variant type	
		Function	Add	Correspond to DeviceNet Master board	
		Function	Add	Correspond to PROFINET I/O Device	
		Function	Add	Correspond to 32-bit Error contents output	
		PCS command	Add	Added ReadByteArray, WriteByteArray, LenB command	
		Function	Add	Correspond to WINCAPS III Simple position correction function: RC8 controller	
		Function	Add	Added WINCAPS III Controller information: [Controller ID]	
		Function	Add	Support WINCAPS III's individual data transmission of "Macro name" or "Application" that are stored in "variables" or "I/O".	
1.7.2	3.46.0	Function	Add	Correspond to RC Vision	
		Function	Add	Added External TCP Function	
		Function	Add	Correspond to Transfer Robot	
		PCS command	Add	Added buffer manipulation command for Conveyor tracking	
		Function	Add	Added judgement criteria of stop at @E and @C motion	
		Function	Change	Enhanced the singularity avoidance function	
		Function	Change	Changed the speed setting window	
1.8.6	3.47.0	Function	Add	Improved Area function (Capable of checking 32 areas within 2 milliseconds, Added DetectOn/DetectOff commands)	
		Function	Add	Correspond to new models for vision provider (FZ5, FH, CV, CVX)	
		Function	Add	Added Command Input Supporting Function	
		Function	Add	Added Lock Function	
		Function	Add	Added Call Stack Window	
		Function	Change	Integrated the control graph	
		Function	Add	Added EtherCAT Slave IO	
		Function	Add	Added CCLink Version2	
		Function	Add	Improved the speed of IORead	
		Function	Change	IO slave function was renamed to Command-slave and its functions were improved.	
		PCS command	Add	Added ForceSensorPayLoad, CurPayLoad, CurForceSensorPayLoad, CurSpeedMode, CurCPMode commands	
		PCS command	Add	Added Conveyor tracking, TrackMinimumIntervalLength commands	
		Function	Change	Increased the number of slave device controllable by conveyor tracking. (1 -> 3)	
		Function	Add	Added I/O Conversion Box	
		Function	Change	Changed the Compliance Function with Force Sensor • Setting of time period of Sensor time-out (Improved noise immunity). • Sensor data logging became available while the Force control is OFF. • Ramified error codes of the parameter error.	
		Function	Add	Added WINCAPS III Allocation of I/O Data: I/O Conversion Box	
		Function	Add	Added WINCAPS III Program Encryption, Lock Function	
1.9.6	3.48.0	Function	Change	Changed communication method between slave robots of conveyor tracking system	
		Function	Add	Added Coordinate Function	
		Function	Add	Added Built-in Vision multiple objects detection by CARD	
		Function	Change	Supported Variant variable monitoring by TP variable monitoring function	
		Function	Add	Optimized communication by QoS	
		Function	Add	Correspond to WINCAPS III Cooperative Control Function: RC8 controller	
		Function	Add	WINCAPS III program template (EVP)	
1.10.3	3.49.0	Function	Change	Conveyor tracking function. (enhanced tracking performance, added a long-shaped object tracking)	
		Function	Add	Added Matrox Robcom provider	
		Function	Add	Voltage output function in proportion to the TCP speed.	
		Function	Add	WINCAPS III supports RC8 whose controller function is expanded.	
1.12.0	3.50.0	Function	Add	Added Virtual Fence, Exclusive Control	
		Function	Change	Conveyor tracking function. (enhanced tracking performance)	

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		Function	Change	Shortened the reset time of CurLmt command.	
		Function	Add	Added Modbus Provider	
		Function	Add	WINCAPS III Virtual Fence, Exclusive Control	
		Function	Change	Improved PV provider (Calibration and Asynchronous command were added)	
		Function	Change	Improved EVP (Detection algorithm was added and other features were improved.)	
		Function	Change	Increased the number of conveyors available in Conveyor tracking.	