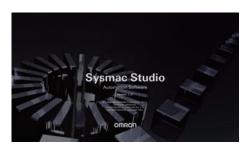


# Automation Software Sysmac Studio Ver.1. CSM\_Sysmac\_Studio\_DS\_E\_18\_18

# **Sysmac Studio for machine creators**

The Sysmac Studio provides an integrated development environment to set up, program, debug, and maintain NJ/NX-series CPU Units, NY-series Industrial PC, and other Machine Automation Controllers, as well as EtherCAT slaves.



#### **Features**

- One software for motion, logic, safety, drives, vision and HMI
- Fully compliant with open standard IEC 61131-3 and Japanese standard JIS B3503
- Supports Ladder, Structured Text and Function Block programming with a rich instruction set
- CAM editor for easy programming of complex motion profiles
- One simulation tool for sequence and motion in a 3D environment
- · Advanced security function with 32 digit security password

# **Ordering Information**

#### **Automation Software**

Please purchase a DVD and licenses the first time you purchase the Sysmac Studio. DVDs and licenses are available individually. The license does not include the DVD.

#### Sysmac Studio DVD

License keys are not included. License keys of each Sysmac Studio edition (and a license keys of options, if necessary) are required.

Duadicat name	Specifications		Model
Product name	Supporting OS	Number of licenses	Wodel
Sysmac Studio Ver.1.□□ 32-bit DVD	Windows 7 (32/64-bit)/8 (32/64-bit)/8.1 (32/64-bit)/10 (32/64-bit)	- (Installation media only.	SYSMAC-SE200D
Sysmac Studio Ver.1.□□ 64-bit DVD	Windows 10 (64-bit)	A license of each edition is required.)	SYSMAC-SE200D-64

#### **Licenses for Sysmac Studio Editions**

License key only. The Sysmac Studio DVD is necessary.

Product name	Specifications		Model
Product name		Number of licenses	Wodei
	Sysmac Studio is the software that provides an integrated development environment: setting, programming, debugging and maintenance for Machine Automation Controllers (NJ/NX-series CPU Units, NY-series Industrial PC), EtherCAT Slaves, and HMIs.	1 license	SYSMAC-SE201L
Sysmac Studio		3 licenses	SYSMAC-SE203L
Standard Edition		10 licenses	SYSMAC-SE210L
Ver.1.□□ *1		30 licenses	SYSMAC-SE230L
		50 licenses	SYSMAC-SE250L
Sysmac Studio Vision Edition Ver.1.	Sysmac Studio Vision Edition is the license providing only the necessary functions for settings of FQ-M and FH-series Vision Sensors. This edition is valid for FQ-M and FH-series Vision Sensors only.	1 license	SYSMAC-VE001L
Sysmac Studio Measurement Sensor Edition Ver.1.	Sysmac Studio Measurement Sensor Edition is the license providing only the necessary functions for settings of ZW-series Measurement Sensors. This edition is valid for ZW-series Measurement Sensors only.	1 license	SYSMAC-ME001L
		3 licenses	SYSMAC-ME003L
Sysmac Studio NX-I/O Edition Ver.1.□□	Sysmac Studio NX-IO Edition is the license providing only the necessary functions for settings of couplers for EtherNet/IP and PROFINET. This edition is valid for couplers of EtherNet/IP and PROFINET only.	1 license	SYSMAC-NE001L
Sysmac Studio Drive Edition Ver.1.□□	Sysmac Studio Drive Edition is the license providing only the necessary functions for settings of drive units. This edition is valid for 1S/ G5-series units only.	1 license	SYSMAC-DE001L
Sysmac Studio Safety Edition Ver.1.□□	Sysmac Studio Safety Edition is the license providing only the necessary functions for settings of a safety control system. This edition is valid for communication controllers and EtherNet/IP couplers only.	1 license	SYSMAC-FE001L

<sup>\*1.</sup> We offer Site Licenses for users who will run Sysmac Studio on multiple computers. Ask your OMRON sales representative for details.

#### **Licenses for Sysmac Studio Options**

These products are applicable to Sysmac Studio Standard Edition only.

Product name	Specifications		Model
Product name		Number of licenses	Wodel
Sysmac Studio Team Development Option	Sysmac Studio Team Development Option is the license to enable the project version control functionality.	1 license	SYSMAC-TA401L
		3 licenses	SYSMAC-TA403L
		10 licenses	SYSMAC-TA410L
		30 licenses	SYSMAC-TA430L
		50 licenses	SYSMAC-TA450L
Sysmac Studio 3D Simulation Option	Sysmac Studio 3D Simulation Option is the license to enable the 3D Simulation functionality. The option is valid for the 64-bit Sysmac Studio only.	1 license	SYSMAC-SA401L-64
		3 licenses	SYSMAC-SA403L-64
		10 licenses	SYSMAC-SA410L-64
		30 licenses	SYSMAC-SA430L-64
		50 licenses	SYSMAC-SA450L-64

Note: We offer Site Licenses for users who will run Sysmac Studio on multiple computers. Ask your OMRON sales representative for details.

## **Components**

## **DVD (SYSMAC-SE200D)**

Components	Details
Introduction	An introduction about components, installation/uninstallation, user registration and auto update of the Sysmac Studio is provided.
Setup disk (DVD-ROM)	1

# License (SYSMAC-SE2 L/VE0 L/ME0 L/NE0 L/DE0 L/RA4 L/TA4 L/FE0 L/SA4 L-64)

Components	Details
License agreement	The license agreement gives the usage conditions and warranty for the Sysmac Studio.
License card	A model number, version, license number, and number of licenses are described.
User registration card	Two cards are contained. One is for users in Japan and the other is for users in other countries.

# **Included Support Software**

DVD media of Sysmac Studio includes the following support software.

Included Support Software		Outline	
CX-Designer	Ver.3.□	The CX-Designer is used to create screens for NS-series PTs. *1	
CX-Integrator	Ver.2.□	The CX-Integrator is used to set up FA networks.	
CX-Protocol	Ver.1.□	The CX-Protocol is used for protocol macros for Serial Communications Units.	
Network Configurator	Ver.3.□	The Network Configurator is used for tag data links on the built-in EtherNet/IP port.	
SECS/GEM Configurator *2	Ver.1.□	The SECS/GEM Configurator is used for SECS/GEM settings.	
Adept Robot IP Address Setting Tool	Ver.1.□	The Adept Robot IP Address Setting Tool is used for setting IP address of Adept Robot.	
CX-ConfiguratorFDT	Ver.2.□	The software that sets the IO-Link devices.	
IODD DTM Configurator	Ver.3.□	The software that adds and deletes IODD files for the IO-Link devices.	

<sup>\*1.</sup> Please use the Sysmac Studio to create the project of the NA Series.
\*2. Please purchase the required number of SECS/GEM Configurator licenses.