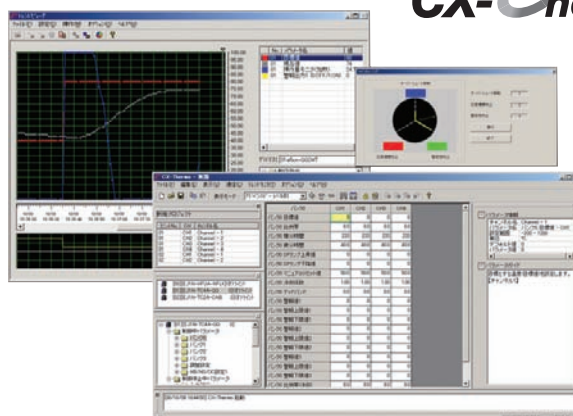


## Monitoring/Setting Support Software for General-purpose temperature adjustment controller Temperature Controllers Enabling Faster Parameter Setup, Device Adjustment, and Maintenance



- Enables editing and batch-downloading parameters from a personal computer, reducing the work required to set parameters. Usability is improved with table-formatted parameter editing from version. 4.0.
- Supports Trend Monitoring:  
Easily monitor the data from up to 31 Controllers \*1, including PVs, SPs, MVs, PID parameters, and alarm ON/OFF status.
- Supports parameter masks to hide parameters unnecessary to display. (Supported only by the E5□N-H/□N-HT, E5□C/□C-B/□C-U/□C-T and E5□D/□D-B).
- Logic operations enable setting inputs from external inputs (event inputs) or temperature status, outputs to external outputs (control or auxiliary outputs), and changing operating status with ON/OFF delays. (Supported only by the E5□N-H/□N-HT, E5□C/□C-B/□C-U/□C-T and E5□D/□D-B).
- Easy adjustment of control performance by fine-tuning. \*2

\*1. EJ1N: Up to 64 Controllers, E5ZN: Up to 16 Controllers.

\*2. Fine-tuning instructs the CX-Thermo to calculate a PID parameters by directly inputting commands to improve response.

## Ordering Information

### List of Models

Name	Model
CX-Thermo Support Software	EST2-2C-MV4

## Specifications

Compatible devices	Temperature Controllers	E5CN-H, E5EN-H, E5AN-H E5CN-HT, E5EN-HT, E5AN-HT E5ER *1, E5AR *1 E5ER-T *1, E5AR-T *1 E5GC, E5CC, E5CC-B, E5CC-U, E5EC, E5EC-B, E5AC, E5DC, E5DC-B E5CC-T, E5EC-T, E5AC-T E5CD, E5CD-B, E5ED, E5ED-B E5ZN *1 EJ1N-TC4, EJ1N-TC2, EJ1N-HFU G3ZA (only when connected to EJ1N-TC4, EJ1N-TC2) G3PW (only when connected to EJ1N-TC4, EJ1N-TC2) <b>Note:</b> Models with DeviceNet communications are not supported. *1. Product no longer available to order.
	OS	OS: Microsoft Windows XP (Service Pack 3 or higher), Vista, 7, 8, 10 or 11 CPU: A processor recommended by Microsoft Memory: A memory recommended by Microsoft
Personal computer system requirements	CPU	300 MHz min.
	Memory	128 MB min.
	Harddisk	300 MB min. available space
	CD-ROM	One CD-ROM drive min.
	Monitor	XGA (1024 × 768), High Color 16 bit min.
	Communications ports	• RS-232C port, or USB port, 1 port min.
Connection method	• An E58-CIFQ1 USB-Serial Conversion Cable is required to connect a computer to the setup tool port the E5□N-H, E5□N-HT, or EJ1. • An E58-CIFQ2 USB-Serial Conversion Cable is required to connect a computer to the setup tool port the E5GC, E5CC, E5CC-B, E5CC-U, E5EC, E5EC-B, E5AC, E5DC, E5DC-B, E5CC-T, E5EC-T, E5AC-T, E5CD, E5CD-B, E5ED or E5ED-B • A Interface Converter made by other company is used to connect a computer to models with RS-422/RS-485 communications.	

## Terms and Conditions Agreement

### Read and understand this catalog.

Please read and understand this catalog before purchasing the products. Please consult your OMRON representative if you have any questions or comments.

### Warranties.

(a) Exclusive Warranty. Omron's exclusive warranty is that the Products will be free from defects in materials and workmanship for a period of twelve months from the date of sale by Omron (or such other period expressed in writing by Omron). Omron disclaims all other warranties, express or implied.

(b) Limitations. OMRON MAKES NO WARRANTY OR REPRESENTATION, EXPRESS OR IMPLIED, ABOUT NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OF THE PRODUCTS. BUYER ACKNOWLEDGES THAT IT ALONE HAS DETERMINED THAT THE PRODUCTS WILL SUITABLY MEET THE REQUIREMENTS OF THEIR INTENDED USE.

Omron further disclaims all warranties and responsibility of any type for claims or expenses based on infringement by the Products or otherwise of any intellectual property right. (c) Buyer Remedy. Omron's sole obligation hereunder shall be, at Omron's election, to (i) replace (in the form originally shipped with Buyer responsible for labor charges for removal or replacement thereof) the non-complying Product, (ii) repair the non-complying Product, or (iii) repay or credit Buyer an amount equal to the purchase price of the non-complying Product; provided that in no event shall Omron be responsible for warranty, repair, indemnity or any other claims or expenses regarding the Products unless Omron's analysis confirms that the Products were properly handled, stored, installed and maintained and not subject to contamination, abuse, misuse or inappropriate modification. Return of any Products by Buyer must be approved in writing by Omron before shipment. Omron Companies shall not be liable for the suitability or unsuitability or the results from the use of Products in combination with any electrical or electronic components, circuits, system assemblies or any other materials or substances or environments. Any advice, recommendations or information given orally or in writing, are not to be construed as an amendment or addition to the above warranty.

See <http://www.omron.com/global/> or contact your Omron representative for published information.

### Limitation on Liability: Etc.

OMRON COMPANIES SHALL NOT BE LIABLE FOR SPECIAL, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, LOSS OF PROFITS OR PRODUCTION OR COMMERCIAL LOSS IN ANY WAY CONNECTED WITH THE PRODUCTS, WHETHER SUCH CLAIM IS BASED IN CONTRACT, WARRANTY, NEGLIGENCE OR STRICT LIABILITY.

Further, in no event shall liability of Omron Companies exceed the individual price of the Product on which liability is asserted.

### Suitability of Use.

Omron Companies shall not be responsible for conformity with any standards, codes or regulations which apply to the combination of the Product in the Buyer's application or use of the Product. At Buyer's request, Omron will provide applicable third party certification documents identifying ratings and limitations of use which apply to the Product. This information by itself is not sufficient for a complete determination of the suitability of the Product in combination with the end product, machine, system, or other application or use. Buyer shall be solely responsible for determining appropriateness of the particular Product with respect to Buyer's application, product or system. Buyer shall take application responsibility in all cases.

NEVER USE THE PRODUCT FOR AN APPLICATION INVOLVING SERIOUS RISK TO LIFE OR PROPERTY OR IN LARGE QUANTITIES WITHOUT ENSURING THAT THE SYSTEM AS A WHOLE HAS BEEN DESIGNED TO ADDRESS THE RISKS, AND THAT THE OMRON PRODUCT(S) IS PROPERLY RATED AND INSTALLED FOR THE INTENDED USE WITHIN THE OVERALL EQUIPMENT OR SYSTEM.

### Programmable Products.

Omron Companies shall not be responsible for the user's programming of a programmable Product, or any consequence thereof.

### Performance Data.

Data presented in Omron Company websites, catalogs and other materials is provided as a guide for the user in determining suitability and does not constitute a warranty. It may represent the result of Omron's test conditions, and the user must correlate it to actual application requirements. Actual performance is subject to the Omron's Warranty and Limitations of Liability.

### Change in Specifications.

Product specifications and accessories may be changed at any time based on improvements and other reasons. It is our practice to change part numbers when published ratings or features are changed, or when significant construction changes are made. However, some specifications of the Product may be changed without any notice. When in doubt, special part numbers may be assigned to fix or establish key specifications for your application. Please consult with your Omron's representative at any time to confirm actual specifications of purchased Product.

### Errors and Omissions.

Information presented by Omron Companies has been checked and is believed to be accurate; however, no responsibility is assumed for clerical, typographical or proofreading errors or omissions.