

FIBER  
SENSORSLASER  
SENSORSPHOTOELECTRIC  
SENSORSMICRO  
PHOTOELECTRIC  
SENSORSAREA  
SENSORSSAFETY LIGHT  
CURTAINS /  
SAFETY COMPONENTSPRESSURE /  
FLOW  
SENSORSINDUCTIVE  
PROXIMITY  
SENSORSPARTICULAR  
USE SENSORSSENSOR  
OPTIONSSIMPLE  
WIRE- SAVING  
UNITSWIRE- SAVING  
SYSTEMSMEASUREMENT  
SENSORSSTATIC  
CONTROL  
DEVICESLASER  
MARKERS

PLC

HUMAN MACHINE  
INTERFACESENERGY  
MANAGEMENT  
SOLUTIONS

FA COMPONENTS

MACHINE VISION  
SYSTEMSUV CURING  
SYSTEMS

Applications

PLC

Software

Program  
Transfer

Others

FPCWIN GR7

FPCWIN Pro7

PCWAY

Related Information ■ General terms and conditions..... F-3

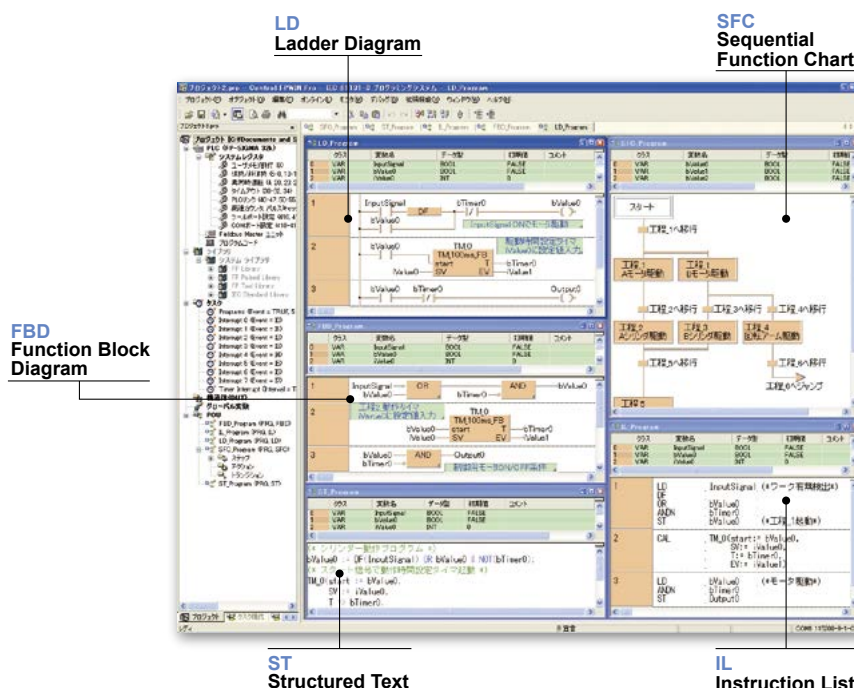

[panasonic.net/id/pidsx/global](http://panasonic.net/id/pidsx/global)

## Programming software of PLC open certification corresponds to FP7

### Features

- The Panasonic programming software developed according to the international standard IEC 61131-3 (for Windows® XP / Vista / 7 / 8 / 10).
- The universal software for all Panasonic PLC's
- Programs written in Control FPCWIN Pro6 or earlier versions will run with Control FPCWIN Pro7
- Programs are compatible across FP series PLCs, and FP0R will run with minor adjustments on FPΣ (Sigma) and FP7 PLCs
- FP7 PLCs and Control FPCWIN Pro7 offer the same flexible choice of editors and allow you to select the programming language you are most familiar with.

\* Windows is a registered trademark or trademark of Microsoft Corporation in the United States and other countries.



- **Five programming languages can be used.**  
Programming can be done using the language most familiar to the developer or using the language most suited to the process to be performed.  
High-level (structured text) languages that allow structuring, such as C, are supported.  
5 programming languages: IL (Instruction List), LD (Ladder Diagram), FBD (Function Block Diagram), SFC (Sequential Function Chart), ST (Structured Text)
- **Easy to reuse well-proven programs**  
Efficiency when writing programs has been greatly increased by being able to split programming up for each function and process using structured programming.
- **Keep know-how from getting out**  
By "black boxing" a part of a program, you can prevent know-how from leaking out and improve the program's maintainability.
- **Source program from PLC can be uploaded.**  
Serviceability is improved by being able to read programs and comments from a PLC.
- **Programming for all models in the FP series possible**

- 4 languages are fully supported: English, Japanese, Korean, Chinese
- Well-structured through program organization units, task and project management
- Remote programming, service and diagnostics via modem or Ethernet
- Extensive comments and online documentation created hand in hand with the program
- Min. program size through optimized compiler
- Powerful debugging and monitoring tools provide information on the current status of the PLC.
- Comprehensive printed documentation and support for function blocks and libraries help to get your hardware running in record time while maintaining rigorous quality standards.
- Reuse of functions and function blocks saves time.

## ORDER GUIDE

Product name		Type	Specifications	Part No.
Programming software for Windows® <b>Control FFWIN Pro7</b>	English, Japanese, Korean and Chinese	Supports all <b>FP</b> series PLCs ( <b>FP7</b> series: Supports only CPU unit without encryption function)	Windows® 10 (32-bit / 64-bit) / Windows® 8.1 (32-bit / 64-bit) /	<b>AFPSPR7A</b>
	Security enhanced type	Supports all <b>FP</b> series PLCs ( <b>FP7</b> series: Supports both CPU unit with/without encryption function) * The encryption function will be offered in the future.	Windows® 8 (32-bit / 64-bit) / Windows® 7 SP1 or more (32-bit / 64-bit) / Windows® Vista SP2 / Windows® XP SP3	<b>AFPSPR7AS</b>

Notes: 1) Windows is a registered trademark or trademark of Microsoft Corporation in the United States and other countries.  
2) When exporting to China, CPU unit without encryption function is required.

## SYSTEM REQUIREMENTS

Item	Specifications
OS	Windows® 10 (32-bit / 64-bit) / Windows® 8.1 (32-bit / 64-bit) / Windows® 8 (32-bit / 64-bit) / Windows® 7 SP1 or more (32-bit / 64-bit) / Windows® Vista SP2 / Windows® XP SP3
Available hard disk space	400 MB or more
CPU	Intel® Core™ 2 Duo 2 GHz or more
System RAM	1 GB or more
Display resolution	1,280 × 800 or more
Applicable PLCs	All <b>FP</b> series

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2) Intel and Intel core are registered trademarks or trademarks of Intel Corporation in the United States and other countries.

FIBER SENSORS

LASER SENSORS

PHOTO-ELECTRIC SENSORS

MICRO PHOTO-ELECTRIC SENSORS

AREA SENSORS

SAFETY LIGHT CURTAINS / SAFETY COMPONENTS

PRESSURE / FLOW SENSORS

INDUCTIVE PROXIMITY SENSORS

PARTICULAR USE SENSORS

SENSOR OPTIONS

SIMPLE WIRE-SAVING UNITS

WIRE-SAVING SYSTEMS

MEASURE-MENT SENSORS

STATIC CONTROL DEVICES

LASER MARKERS

**PLC**

HUMAN MACHINE INTERFACES

ENERGY MANAGEMENT SOLUTIONS

FA COMPONENTS

MACHINE VISION SYSTEMS

UV CURING SYSTEMS

Applications

PLC

Software

Program Transfer

Others

**FPWIN GR7****FPWIN Pro7****PCWAY**

# Mouser Electronics

Authorized Distributor

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