KW MULTIPROG®

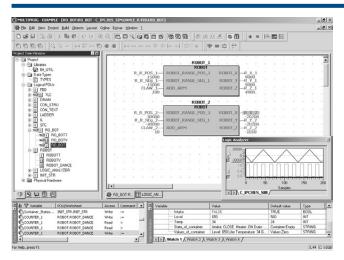## IEC 61131-3 SoftLogic Control Software

Features

- IEC 61131-3 programming languages
- Intuitive programming with a clear project structure
- Cross-compiling: FBD, LD and IL can be cross-compiled to each other
- Multi user functionality shortens programming time
- Management of distributed controls
- Network variables: Easy and powerful configuration of distributed communication
- Powerful debugging tools: Online changes, PLC simulation, overwriting & forcing, breakpoints, watch windows & recipes, logic analyzer, and cross reference
- Online program download
- Download Change Function
- Advantech FBs Support (Auto-Tuning PID, Batch Control)

Introduction

Advantech's Programmable Automation Controllers (PAC) leverage KW-Software's Multiprog and ProConOS as a single development tool with the SoftLogic control kernel. Requiring only a one-time design, users can easily leverage the control know-how into different control platforms to meet versatile automation projects needs. KW SoftLogic also creates single tagging database and HMI Software, such as WebAccess and other 3rd party SCADA software, all the features can help users to save the visible and invisible cost.

Multiprog supports all IEC 61131-3 programming languages. Depending on the task to be handled, your experience and company standards, you may choose one of the five standardized programming languages. The use of Multiprog offers you many advantages. Our long-term experience in the automation industry guarantees you a sophisticated software product.

Specifications

Hardware Requirements

Device	Recommended
IBM compatible PC with Pentium Processor	Pentium 4, 2 GHz or above
System RAM	Windows XP : 512 MB Windows Vista : 1 GB Windows 7 : 1 GB
Hard Disk	1 GB free memory space
VGA Monitor Color Settings Resolution	True color 1024 x 768
RS-232 interface	Optional
Mouse	Recommendded

Advantech Hardware Supported

- APAX-6000 Series
- APAX-5000 Series
- ADAM-55X0KW Series

Software Requirements

- Microsoft Windows 7
- Microsoft Windows Vista (SP2)
- Microsoft Windows XP (SP3)
- Microsoft Internet Explorer 6.0 or higher

IEC 61131-3 Programming Languages

- Instruction List (IL)
- Structured Text (ST)
- Function Block Diagram (FBD)
- Ladder Diagram (LD)
- Sequential Function Chart (SFC)
- All programming languages can be mixed within one project

Ordering Information

- **MPROG-PRO535E**   KW Multiprog Pro v5.35
(128k bytes I/O, Win7 32-bit support)