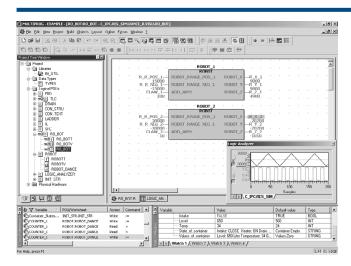
KW MULTIPROG®

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
- Online program download
- **Download Change Function**
- Advantech FBs Support (Auto-Tuning PID, Batch Control)

Energy Automation

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Industrial Monitors

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 | Minimum | Recommended |
|---|-------------------------|-------------|
| IBM compatible PC with Pentium Processor | 200 MHz | 350 MHz |
| System RAM | 64 MB | 128 MB |
| Hard Disk | 60 MB free memory space | - |
| CD-ROM drive | - | |
| VGA Monitor Color Settings | 256 colors | True color |
| Resolution | 800 x 600 | 1024 x 768 |
| RS-232 interface | Optional | - |
| Mouse | Recommended | - |

Advantech Hardware Supported

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

Software Requirements

- Microsoft® Windows NT 4.0 SP5 or Windows 2000/XP
- Microsoft Internet Explorer 5.02 or above

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-ADV46E KW Multiprog Advanced v4.6 (64 kbyte I/O)* MPROG-BAS46E KW Multiprog Basic v4.6 (128 bytes I/O)* MPROG-ADV46UE Upgrade Ver. of KW Multiprog Advanced v4.6

(64 kbyte I/O) Upgrade Ver. of KW Multiprog Basic v4.6 MPROG-BAS46E

(128 bytes I/O) MPROG-PRO535E KW Multiprog Pro v5.35

(128k bytes I/O. Win7 32-bit support)

Using MPROG-BAS46E Basic (128 Bytes I/O), programmer can leverage 1024 points DI/O (128 Bytes*8), or 32 (APAX and ADAM-5550KW series)/64 (ADAM-5510KW series) points AI/O, or mix of DI/O and AI/O