

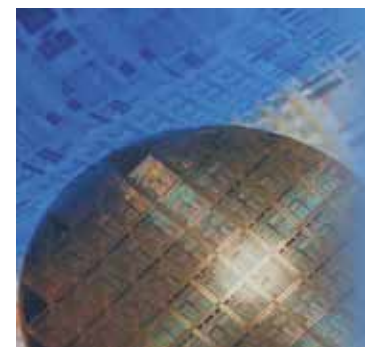


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IQANdevelop Software

Electronic Control Systems



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Application

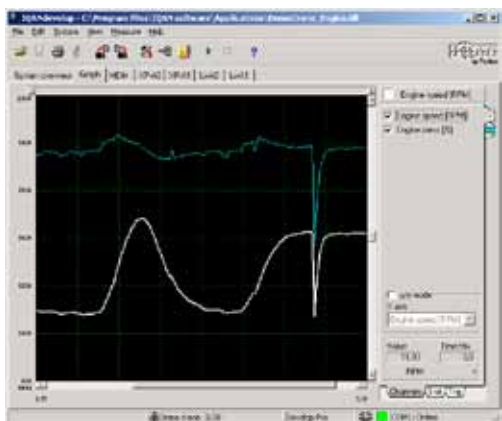
IQANdevelop is a software tool for adding modules and channels to the IQAN control system, in order to build functions for the developer's mobile machine application. IQANdevelop supports systems that are using the IQAN-MDM master/display module or the IQAN-TOC8 and IQAN-TOC2 stand-alone modules.

The software is based on the different modules' block diagrams. To add a new module, you create a new block diagram. From the block diagram it is easy to set/edit channel parameters and measure the IQAN system.



With the navigator function in IQANdevelop you get an overview of the connected channels in a specific function. In this way it is easy to see how the channels interact with each other.

IQANdevelop is also a tool for measuring and troubleshooting IQAN systems. With a logging function,



measurements can be viewed graphically.

IQANdevelop PRO also includes IQANsimulate. IQANsimulate allows you to verify application functions at your desk. See IQANsimulate data sheet for more information.

Design

IQANdevelop is a Windows® based software running on Windows® 95/98, NT® 4.0, 2000 or XP. It has a user-friendly interface, featuring speed-buttons, status bar and a complete on-line help system. The software is available in the English language.

IQANdevelop is well documented, with a comprehensive user's manual and a tutorial.

Communication with the IQAN system is done via the computer's standard RS232 serial port. For PC's with only USB ports an adapter will be needed.

Parameter handling

The channels may be monitored, calibrated and adjusted.

It is possible to set parameters for each channel such as name, unit, min- and max-current, alarm limits and slope times.

A channel error is instantly presented when monitoring.

Machine data

All data from the IQAN system can be saved on file which enables the user to make backup copies of the system information.

Logging

The logger graphically presents measurement signals as a function of time and includes the provision of statistical functions such as minima, maxima, averages and true RMS. A trigger function is also built-in.

Levels

IQANdevelop is divided into four levels:

- Read
- Change
- Develop
- Develop PRO, (includes IQANsimulate)

With the *read* level the user can get information about the application and measure channels. To set parameters and see the application functions the user needs the *change* level. The *Develop* and *Develop PRO* levels give the user access to add modules and to build new functions in the IQAN system. In addition, *Develop PRO* gives access to add and change functions for the internal channels.

Contents

When ordering IQANdevelop, following items are included:

- IQANdevelop/simulate software on USB memory
- 1 software licence

IQANdevelop software is delivered on USB flash drive. Printed user manuals and cables are not included.

Order the accessories you need from the list below.

Accessories

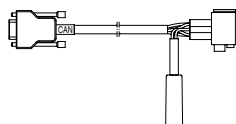
5030024

RS-232 cable: 1,5 meters, fits to IQAN-MDM (for PC connection to IQANdevelop)



5030034

Power and CAN cable: 2,0 meters, fits to IQAN-MDM (for PC connection to IQANSimulate). IQANdevelop PRO version only.



Requirements

CPU	PC compatible, Pentium or better
RAM	minimum 32 Mbyte (64 Mbyte recommended)
HD	25 Mbyte memory space available
Ports	serial port RS232
Software¹	Windows® 95/98, NT® 4.0, 2000, XP

Upgrade

It is always possible to download the latest version from our web site www.iqan.com.

Ordering part numbers

IQANdevelop Develop PRO	20005607
IQANdevelop Develop ²	20004179
IQANdevelop Change	20005606
IQANdevelop Read	no licence

1 IQANdevelop is a mature product and is no longer updated to meet new PC requirements.
2 Not offered in North America.

 **WARNING**

FAILURE OR IMPROPER SELECTION OR IMPROPER USE OF THE PRODUCTS AND/OR SYSTEMS DESCRIBED HEREIN OR RELATED ITEMS CAN CAUSE DEATH, PERSONAL INJURY AND PROPERTY DAMAGE.

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