

# IVT DCU 3208 I/O Driver (Called and Direct) IVT

## DRIVER TYPES

	COMM	RES	CFE	ACE
<b>DOS</b>				
<b>WIN</b>	4.23-1			
<b>NT</b>	6.00-2 (direct)			
<b>Win 2000</b>	6.00-2 (direct)			
<b>XP</b>	6.00-2 (direct)			

## SUPPORTED HARDWARE

IVT DCU 3208.

## PROTOCOL

Direct Link	X
Multi-drop	X
Communication Network	

Baud Rate, Parity, Stop Bits, Data Bits: User Definable.  
 Support for 512 Devices per serial link.  
 Up to 8 serial ports are supported through DigiBoard.

## SUPPORTED MESSAGES/DATA AREAS

Read and write of variables in the DCU.  
 Read of alarms with support of RDA blocks for remote time.

## DATA TYPES

<b>VARIABLES</b>	32 Bit Floating Point Value (IEEE)
<b>ALARM</b>	1 Bit Digital Value.

## REQUIRED VENDOR SOFTWARE

Standard IVT communication protocol.

## SIGNAL CONDITIONING

<b>NONE</b>	No Signal Conditioning
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## COMMUNICATIONS PERFORMANCE

N/A

## GENERAL LIMITATIONS

No possibility to change alarm status, alarms are automatically acknowledged when received by the driver.

**Note! The driver will only work with FIX for Windows version 5.0 or higher!**

## MANUAL

## DEMO

## COMMENTS

Variable name inputs are case sensitive. The variable must be exactly the same as in the DCU.

When using called version the driver sometimes have problems connecting. Try calling the DCU from the driver and let it fetch current alarms. After that the driver should work normally. This is due to a problem in the DCU's communication routines and should be solved in future versions of DCU software.

The larger the network of DCUs to connect to the larger the response time of a single DCU. Therefore the reply timeout in the channel configuration might have to be increased as the system grows.

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