

IBS CMD SWT G4 E - Configuration and diagnostic software



2721442

<https://www.phoenixcontact.com/us/products/2721442>

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Network configuration software for INTERBUS Generation 4



Product description

A bus system for open, flexible control architectures must provide the user with a concept for universal and, above all, manufacturer-independent operation and diagnostics of a system, in order to provide the required manufacturer-neutrality. The configuration, startup, and diagnostics software CMD (Configuration Monitoring Diagnostics) was developed for INTERBUS. The key features of this software are the independence from the control system used and the flexibility with regard to program expansions, new functions, and utility programs. The DRIVECOM user group, for example, offers utility programs for parameterizing drives according to the DRIVECOM profile.

In order to meet the requirements of users, we continue to apply our INTERBUS expertise to this software.

CMD for all phases:

CMD is a tool that can be used throughout the entire lifecycle of a plant, from planning and configuration, through system startup and operation monitoring, and beyond to diagnostics in the event of maintenance. For the user this eliminates the costs and effort of learning to use several software tools.

The CMD software allows the user to determine the configuration of the INTERBUS system during the configuration phase. The I/O points can be assigned logical addresses or variables, through which the control program will later access the distributed I/Os.

During startup, a function test can be carried out on subsystems using an integrated monitor function.

The diagnostic functions continuously provide detailed information about the bus status, possible error causes, and suggestions on how to remedy them.

CMD for globally established operating systems:

CMD can be run under Windows operating systems for standard PC systems (Windows® NT 4.0 SP6, Windows® 2000, Windows® XP). The familiar interface makes it easy to get started with the software and thereby operate the entire INTERBUS system easily and safely.

The CMD G4 software is not released for Windows 7 operating systems and above. However, the follow-up software Config+ also supports current and future operating systems.

Commercial data

Item number	2721442
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DR13
Product key	DRDBAY
GTIN	4017918132354
Weight per piece (including packing)	242.89 g
Weight per piece (excluding packing)	242.89 g
Customs tariff number	85234920
Country of origin	DE

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Technical data

Notes

Order information:	CMD is also available in English, French, Spanish, Portuguese (Brazilian).
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Product properties

Product type	Configuration and diagnostics
Scope of supply	Software on CD-ROM, Quick Start Guide, Diagnostics Guide
Basic functions	<ul style="list-style-type: none">Executing important commands (start/stop/...)Reading in the installed bus structureDetecting/representing error states (plain text from knowledge database)Saving diagnostics data in flash memory or parameterizing memory of the controller boardDiagnostics of INTERBUS FO paths (transmission quality)Configuration comparison of Ethernet topologies (parameterized with real topology)Reading out the Controller Diagnose Archive

System properties

Intended use for the software	<ul style="list-style-type: none">ConfigurationDiagnosticsData acquisitionCommunicationStartupMaintenanceDIN EN 61131-3 compliantSecurity
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License information

Type of license	Single-user license
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Functionality

Basic functions	<ul style="list-style-type: none">Executing important commands (start/stop/...)Reading in the installed bus structureDetecting/representing error states (plain text from knowledge database)Saving diagnostics data in flash memory or parameterizing memory of the controller boardDiagnostics of INTERBUS FO paths (transmission quality)Configuration comparison of Ethernet topologies (parameterized with real topology)Reading out the Controller Diagnose Archive
Integrated function	<ul style="list-style-type: none">DiagnosticsEvaluation

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	Data acquisition
	Startup
	Communication
	Configuration
	Maintenance
Associated hardware	INTERBUS controller boards
Supported controllers	INTERBUS Generation 4 controller board
Number of I/O nodes	not relevant

System requirements

Operating equipment	Keyboard, mouse
Operating system	Windows® 2000
	Windows® XP
	Windows® NT 4.0 SP6
Note about the operating system	Does not support Window® 7 and above operating systems
Processor	Min. 80486/ 33 MHz
Hard disk memory	62 Mbyte
Interfaces	Free serial interface for online connection
Languages supported	English
Optical drive	CD-ROM
Screen resolution	SVGA mit min. 800 x 600

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Classifications

ECLASS

ECLASS-13.0	27242501
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ETIM

ETIM 9.0	EC000809
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UNSPSC

UNSPSC 21.0	43233600
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements

Not applicable, No electrical and electronic equipment (EEE), cannot be used in EEE

EU REACH SVHC

REACH candidate substance (CAS No.)

No substance above 0.1 wt%

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