Software - IBS CMD SWT G4 - 2721439

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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.

Key Commercial Data

Packing unit	1 pc
GTIN	4 017918 132347
GTIN	4017918132347
Weight per Piece (excluding packing)	150.000 g
Custom tariff number	85234920
Country of origin	Germany
Note	Made to Order (non-returnable)

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Technical data

License information

Intended use for the software	Configuration
	Diagnostics
	Data acquisition
	Communication
	Startup
	Servicing
	DIN EN 61131-3 compliant
	Security

Functions

Basic functions	Executing important commands (start/stop/...)
	Reading in the installed bus structure
	Detecting/representing error states (plain text from knowledge database)
	Saving diagnostics data in flash memory or parameterizing memory of the controller board
	Diagnostics of INTERBUS FO paths (transmission quality)
	Configuration comparison of Ethernet topologies (parameterized with real topology)
	Reading out the Controller Diagnose Archive
Integrated function	Diagnostics
	Evaluation
	Data acquisition
	Startup
	Communication
	Configuration
	Maintenance
Supported controllers	INTERBUS Generation 4 controller board
Number of I/O nodes	not relevant

Hardware requirements

Hard disk	62 Mbyte
RAM	> 10 Mbyte
Note on the main memory	16 MB or more recommended
CPU	Min. 80486/ 33 MHz
Interfaces	Free serial interface for online connection
Optical drive	CD-ROM
Monitor resolution	SVGA mit min. 800 x 600
Operating equipment	Keyboard, mouse

Software requirements

Operating system	Windows® NT 4.0 SP6
	Windows® 2000

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Software requirements

	Windows® XP
Note about the operating system	Does not support Windows® 7 and above operating systems

Scope of delivery

Scope of delivery	Software on CD-ROM, Quick Start Guide, Diagnostics Guide

Classifications

eCl@ss

eCl@ss 4.0	27250200
eCl@ss 4.1	27250200
eCl@ss 5.0	27141100
eCl@ss 5.1	27141100
eCl@ss 6.0	27242500
eCl@ss 7.0	27242501
eCl@ss 8.0	27242501
eCl@ss 9.0	27242501

ETIM

ETIM 2.0	EC001435
ETIM 3.0	EC001435
ETIM 4.0	EC000809
ETIM 5.0	EC000809
ETIM 6.0	EC000809
ETIM 7.0	EC000809

UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	43172015
UNSPSC 12.01	43232401
UNSPSC 13.2	43233603
UNSPSC 18.0	43233603
UNSPSC 19.0	43233603
UNSPSC 20.0	43233603
UNSPSC 21.0	43233603

Accessories

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Accessories

Software - IBS AX SWT G4 - 2729541

Management-Software for handling communication paths in connection with CMD software packages and packages from other suppliers