



Device DTM IS1 Series 9499/DTM

- Setting of parameters and configuration of the IS1 system
- Communicating with HART field devices via Profibus DP V1 or Ethernet Modbus TCP
- Supports all common FDT frame applications (e.g. FieldCare, PactWare™)
- Condition Monitoring
- Scan function for automatic topology generation
- Query functions (Identification & Maintenance)
- HART Live List
- Error evaluation and display



The Device DTM IS1 is used to transmit HART information between HART compatible field devices and a FDT frame application such as FieldCare or PactWare™. Communication runs through the Remote I/O System IS1 and over the Profibus DP V1 or Ethernet Modbus TCP. With the DTM, the IS1 system can be fully configured and parameterized, down to the signal level.

User-friendly functions such as Automatic Topology Generation or Identification and Maintenance considerably simplify the operator's work with HART field devices.

With the integrated Condition Monitoring all the HART information is available continuously.

Selection Table		
Version	Max. number of HART devices per project	Order number
DTM IS1 DP for PROFIBUS DP	30	9499/DTM-IS1-DP-02
	100	9499/DTM-IS1-DP-03
	300	9499/DTM-IS1-DP-04
	1000	9499/DTM-IS1-DP-05
	> 1000	9499/DTM-IS1-DP-06
DTM IS1 MOD for Ethernet Modbus TCP	30	9499/DTM-IS1-MOD-02
	100	9499/DTM-IS1-MOD-03
	300	9499/DTM-IS1-MOD-04
	1000	9499/DTM-IS1-MOD-05
	> 1000	9499/DTM-IS1-MOD-06
Free 30-day demo version to download at www.is1easy.com		

Technical Data	
Certificates	FDT Group No. 2009-0003; No. 2009-0004
System requirements	
Operating system	Microsoft® Windows®2000, Windows®XP
FDT frame	in accordance with FDT Specification 1.2 + Addendum
Communication	Profibus DP V1 Master module with associated CommDTM or Ethernet / DP V1 Gateway with associated CommDTM (e.g. Trebing + Himstedt, Softing, ifak, ComSoft etc.) Ethernet Modbus TCP IP network interface card
Remote I/O	IS1 Field stations with DP V1 compatible CPM 9440/... IS1 Field stations with Ethernet Modbus TCP compatible CPU 9441/...
Firmware IS1	CPM Series 9440 Firmware version V02-35 (DPV1) and higher CPU Series 9441 All firmware versions I/O-module AIMH Series 9461 Firmware version V2-03 and higher I/O-module AOMH Series 9466 Firmware version V2-02 and higher Note: Please refer to the „DTM IS1“ operating instructions for further details concerning functionality and older firmware versions.
Functions	<ul style="list-style-type: none"> • Setting of parameters for CPM and all I/O modules • Diagnosis of CPM, I/O-modules and field signals • Condition Monitoring (if supported by FDT-frame) • Scan - automatic topology generation • CPM query functions - device type (DTM) information • Supports 'Identification and Maintenance' functions (I&M) • HART Live list • PROFIBUS DP slave address setting performed via CommDTM of the class 1 master • Language switchover: German, English • Online help
Demo version	<ul style="list-style-type: none"> • Full CommDTM functionality • Limitation: 30 days limited time • Free download at www.is1easy.com
Selection of tested frame applications	<ul style="list-style-type: none"> • FieldCare (Endress + Hauser) • PactWare™ • FDT Container (M+M) • DTM Inspector (M+M) • CX Profibus (Omron) • others on request



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