# **Customer documentation**

Commissioning ICE1-8IOL-G60L-V1D with the IO-Link Device Tool by TMG

### Introduction

The IO-Link Device Tool gives customers an easy way to establish a connection with an IO-Link master, monitor IO-Link diagnostics, and modify IO-Link parameters of devices that are connected to the master. A simple user interface allows you to view process, status, and device data. The tool is compatible with IO-Link V1.0 (IODDs V1.0.1) and V1.1 (IODDs V1.1), and it supports masters from a variety of suppliers, including Pepperl+Fuchs, Balluff, Lumberg, Molex, and Murrelelektronik.

### You can download a 30-days trial license of the tool from:

http://io-link-device-tool.tmgte.de

Once the trial license expires, the software can't be relaunched until you download and apply a corresponding license key. There is no need to reinstall the software. In order to purchase a valid license, please contact TMG.

<u>Contact:</u> TMG Technologie Management Gruppe Technologie und Engineering GmbH Zur Gießerei 10 76227 Karlsruhe Phone +49 721 82 806 0 Telefax +49 721 82 806 10 E-Mail: info@tmgte.de

### Commissioning ICE1-8IOL-G60L-V1D

- 1. Install TMG's IO-Link Device Tool
- 2. Run the IO-Link Device Tool software
- 3. Import IOLM (IO-Link Master Description) files: Options → Import IOLM



#### <u>Note:</u>

IOLM files can be found on our Pepperl+Fuchs homepage: Pepperl-Fuchs-ICE-8IOL-G60L-V1D-**EIP**-\*.xml → EtherNet/IP interface Pepperl-Fuchs-ICE-8IOL-G60L-V1D-**PN**-\*.xml → PROFINET IO interface

4. Import required IODD (IO-Link Device Description) files: Options → Import IODD



Import	IODD								
Path	C:\Users\jk	rato\Docume	nts\Software	VO-Module VC	E1-8IOL-G60L	-V1D\JOD	D\UC		IODDFinder
Filter	Vendor ID		Device ID		Revision	al 🔻		[	include subdirectories
	IODD						Additional path	Vendor ID	Device ID
	Pepperl-Fuchs_U	IC2000-30GM	-20131029-IC	DDD1.0.1 xml				0x0001	0x300102
	Pepperl-Fuchs_U	C4000-30GM	-20131029-IC	DDD1.0.1 xml				0x0001	0x300103
<b>v</b>	Pepperl-Fuchs_U	C500-30GM-2	20131029-100	DD1.0.1 xml				0x0001	0x300101
<b>v</b>	Pepperl-Fuchs_U	C6000-30GM	-20131029-IC	DDD1.0.1 xml				0x0001	0x300104
	Select all							Cancel	Import

5. Scan network for available ICE-8IOL-G60L-V1D master modules → Click "Search Master"



6. "Master Discovery" displays all found ICE-8IOL-G60L-V1D master modules. Select preferred module by double-clicking

1	Master Discovery			X
	🖒 IP =>			
	IO-Link Master	Vendor Name	Device Name	Address
	EtherNetIP	Pepperl+Fuchs GmbH	ICE1-8IOL-G60L-V1D	192.168.1.179

- 7. Set up port modes by right-clicking "Mode" column
  - a. IO-Link = IO Link COM Mode
  - b. DI = Digital Input
  - c. nc = not connected

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8. Click "Go Online" to establish a communication between software tool and ICE-8IOL-G60L-V1D and to download your port configuration into the master module.

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₽	EPEPPERL+FUCHS				<b>~</b>	Name Revision	ICE1-8IOL-G60L-V	1D IO-Link Revision	1.1	EtherNet/IP	
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9. Select "Check Devices" to see all connected IO-Link Devices. Include them into your engineering tool by clicking "Takeover devices into engineering"

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L.	2	n						
	3	n				UC1000-18GM90-E2-IO-V1	1.0	
	4	n						
	5	n						
	6	n						
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10. Double-click on a listed IO-Link Device to change into its IODD view, where you can alter parameters, observe process data or detailed device information, provided by the related IODD file.

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