

# EPOS IDX

## Setup «Release Notes»

Edition 2020-04

### SYSTEM REQUIREMENTS

Minimum System Requirements	
Operating System	Windows 10, 8, 7
Processor	Core2Duo 1.5 GHz
Drive	Hard disk drive, 1.5 GB available space
Port	USB 2.0 / USB 3.0
Memory	1 GB RAM
Monitor	Screen resolution 1366 x 768 pixels at high color (16-bit)
Web Browser	Microsoft Internet Explorer 8
Software	Microsoft .NET Framework 2.0 & 4.0

### VERSION HISTORY

Edition 34		
<b>Features</b>	Software	Release of EPOS Studio 3.6, Revision 2
		Release of EPOS Windows DLL 6.6.2.0 (including .Net library, LabVIEW instrument driver)
		Release of EPOS Linux Library 6.6.2.0
	Hardware	Support for EPOS4 Micro 24/5 EtherCAT and EPOS4 Compact 24/5 EtherCAT 3-axes
	Firmware	Release of EPOS4 Firmware 0x0161 Release of IDX Firmware 0x0161
	Documentation	Introduction of documents: <ul style="list-style-type: none"> <li>EPOS4 Micro/Compact 24/5 EtherCAT Hardware Reference (2020-04)</li> <li>IDX 56 User Manual, IDX Feature Chart (2020-04)</li> </ul>
<b>Changes</b>	Documentation	Document updates: <ul style="list-style-type: none"> <li>EPOS Command Library Documentation</li> <li>EPOS4 Feature Chart, Firmware Specification, Firmware Version «Readme», and Communication Guide</li> <li>All EPOS4 Hardware References</li> <li>IDX Firmware Specification, Firmware Version «Readme»</li> </ul>

## Edition 33 (2019-12)

<b>Features</b>	Software	Release of EPOS Studio 3.6
		Release of EPOS Windows DLL 6.6.1.0 (including .Net library, LabVIEW instrument driver)
		Release of EPOS Linux Library 6.6.1.0
	Hardware	Support for EPOS4 Micro 24/5 CAN and IDX 56
	Firmware	Release of EPOS4 Firmware 0x0160 Release of IDX Firmware 0x0160
Documentation	Introduction of documents: <ul style="list-style-type: none"> <li>EPOS4 Micro 24/5 CAN Hardware Reference (2019-11)</li> <li>IDX Firmware Specification, Firmware Version «Readme», Communication Guide, Application Notes (2019-11)</li> </ul>	
<b>Changes</b>	Software	Support for Windows XP ceased
	Documentation	Document updates: <ul style="list-style-type: none"> <li>EPOS Command Library Documentation</li> <li>EPOS4 Feature Chart, Firmware Specification, Firmware Version «Readme», Communication Guide, and Application Notes</li> <li>All EPOS4 Hardware References</li> </ul>

## Edition 32 (2018-12)

<b>Features</b>	Software	Release of EPOS Studio 3.5
		Release of EPOS Windows DLL 6.5.1.0 (including .Net library, LabVIEW instrument driver)
		Release of EPOS Linux Library 6.5.1.0
	Hardware	Support for EPOS4 Compact 24/1.5 EtherCAT and EPOS4 Compact 50/5 EtherCAT
Firmware	Release of EPOS4 Firmware 0x0150	
<b>Changes</b>	Documentation	Document updates: <ul style="list-style-type: none"> <li>EPOS Command Library Documentation</li> <li>EPOS2 Module 36/2 Motherboard Hardware Reference</li> <li>EPOS4 Feature Chart, Firmware Specification, Firmware Version «Readme», Communication Guide, and Application Notes</li> <li>All EPOS4 Hardware References</li> <li>Integration of EPOS4 Compact 24/1.5 EtherCAT &amp; EPOS4 Compact 50/5 EtherCAT into corresponding Hardware References</li> </ul>

## Edition 31, Revision 2 (2018-08)

<b>Changes</b>	Software	Release of EPOS Studio 3.4, Revision 2
		Release of EPOS Windows DLL 6.4.2.0
		Bugfix on EPOS4 firmware update stability

## Edition 31 (2018-05)

<b>Features</b>	Software	Release of EPOS Studio 3.4
		Release of EPOS Windows DLL 6.4.1.0 (including .Net library, LabVIEW instrument driver)
		Release of EPOS Linux Library 6.4.1.0
		Release of EPOS USB Driver 2.12.16 Rev.4
	Hardware	Support for EPOS4 Compact 50/8 EtherCAT, EPOS4 Compact 50/15 EtherCAT, and EPOS4 70/15
	Firmware	Release of EPOS4 Firmware 0x0140
	Documentation	Introduction of document EPOS4 70/15 Hardware Reference (May 2018)
<b>Changes</b>	Documentation	Document updates: <ul style="list-style-type: none"> <li>• EPOS Command Library Documentation</li> <li>• EPOS4 Feature Chart, Firmware Specification, Firmware Version «Readme», and Application Notes</li> <li>• All EPOS4 Hardware References</li> <li>• Integration of EPOS4 Compact 50/8 EtherCAT &amp; EPOS4 Compact 50/15 EtherCAT into corresponding Hardware References</li> </ul>

## Edition 30 (2017-11)

<b>Features</b>	Software	Release of EPOS Studio 3.3
		Release of EPOS Windows DLL 6.3.1.0 (including .Net library, LabVIEW instrument driver)
		Release of EPOS Linux Library 6.3.1.0 (new with CANopen support)
	Hardware	Support for EPOS4 EtherCAT Card
	Firmware	Release of EPOS4 Firmware 0x0130
	Documentation	Introduction of document EPOS4 EtherCAT Card Hardware Reference (December 2017)
<b>Changes</b>	Documentation	Document updates: <ul style="list-style-type: none"> <li>• EPOS2 Feature Chart, Firmware Specification, Application Notes</li> <li>• EPOS2 24/2 Hardware Reference</li> <li>• EPOS2 50/5 Hardware Reference</li> <li>• EPOS2 70/10 Hardware Reference</li> <li>• EPOS4 Feature Chart, Firmware Specification, Firmware Version «Readme», Communication Guide, and Application Notes</li> <li>• All EPOS4 Hardware References</li> </ul>

## Edition 29 (2017-05)

<b>Features</b>	Software	Release of EPOS Studio 3.2
		Release of EPOS Windows DLL 6.2.1.0 (including .Net library, LabVIEW instrument driver)
		Release of EPOS Linux Library 6.2.1.0
	Hardware	Support for EPOS4 50/5
	Firmware	Release of EPOS4 Firmware 0x0120
	Documentation	Introduction of document EPOS4 50/5 Hardware Reference (May 2017)
<b>Changes</b>	Documentation	<p>Document updates:</p> <ul style="list-style-type: none"> <li>• EPOS4 Feature Chart, Firmware Specification, Firmware Version «Readme», Communication Guide, and Application Notes</li> <li>• EPOS2 24/2 Hardware Reference</li> <li>• EPOS2 Module 24/3 Hardware Reference</li> <li>• EPOS2 Module 36/2 Hardware Reference</li> <li>• EPOS4 Module 24/1.5 Hardware Reference</li> <li>• EPOS4 Module 50/5 Hardware Reference</li> <li>• EPOS4 Module/Compact 50/8 Hardware Reference</li> <li>• EPOS4 Module/Compact 50/15 Hardware Reference</li> </ul>

## Edition 28, Revision 2 (2017-01)

<b>Changes</b>	Software	Release of EPOS Studio 3.1, Revision 2
		Release of EPOS Windows DLL 6.1.2.0
		Bugfix on EPOS2 USB communication with Windows 10 and USB 3.0

## Edition 28 (2016-11)

<b>Features</b>	Software	Release of EPOS Studio 3.1
		Release of EPOS Windows DLL 6.1.1.0 (including .Net library, LabVIEW instrument driver)
		Release of EPOS Linux Library 6.1.1.0
	Hardware	Support for EPOS4 Module 24/1.5, EPOS4 Compact 24/1.5 CAN, EPOS4 Module 50/5, EPOS4 Compact 50/5 CAN, and EPOS2 24/2 DCX
	Firmware	Release of EPOS4 Firmware 0x0110
	Documentation	<p>Introduction of documents:</p> <ul style="list-style-type: none"> <li>• EPOS4 Module/Compact 24/1.5 Hardware Reference (November 2016)</li> <li>• EPOS4 Module/Compact 50/5 Hardware Reference (November 2016)</li> </ul>
<b>Changes</b>	Software	EPOS USB Driver 2.12.16 Rev.2
	Documentation	<p>Document updates:</p> <ul style="list-style-type: none"> <li>• EPOS2 Feature Chart, Firmware Specification, and Application Notes</li> <li>• EPOS2 24/2 (Getting Started, Cable Starting Set, and Hardware Reference)</li> <li>• EPOS2 70/10 Hardware Reference</li> <li>• EPOS4 Feature Chart, Firmware Specification, and Communication Guide</li> <li>• EPOS4 Module/Compact 50/8 Hardware Reference</li> <li>• EPOS4 Module/Compact 50/15 Hardware Reference</li> </ul>

## Edition 27 (2016-06)

<b>Features</b>	Software	Release of EPOS Studio 3.0
	Hardware	Support for EPOS4 Module 50/8, EPOS4 Compact 50/8 CAN, EPOS4 Module 50/15, and EPOS4 Compact 50/15 CAN
	Firmware	Release of EPOS4 Firmware 0x0100
	Documentation	Introduction of documents: <ul style="list-style-type: none"> <li>• EPOS4 Feature Chart (June 2016)</li> <li>• EPOS4 Firmware Specification (June 2016)</li> <li>• EPOS4 Communication Guide (May 2016)</li> <li>• EPOS4 Application Notes (May 2016)</li> <li>• EPOS4 Firmware Version «Readme» (June 2016)</li> <li>• EPOS4 Module/Compact 50/8 Hardware Reference (May 2016)</li> <li>• EPOS4 Module/Compact 50/15 Hardware Reference (May 2016)</li> </ul>
<b>Changes</b>	Software	EPOS Command Library (DLL) 6.0.1.0 for Windows 64-bit and 32-bit: Support for EPOS4 devices
		NI CompactRIO Library 2.0.0.20: Support of additional hardware (NI 9881, PXI-8531, and PCI-8531)
		EPOS2 USB driver 2.12.16 (FTDI driver)
	Documentation	Renaming of documents: <ul style="list-style-type: none"> <li>• EPOS2 Feature Comparison Chart as EPOS2 Feature Chart</li> <li>• EPOS2 Application Notes Collection as EPOS2 Application Notes</li> <li>• EPOS3 Application Notes Collection as EPOS3 Application Notes</li> </ul>
		EPOS Command Library: Integration of EPOS4
		Various documents updated

## Edition 26 (2015-10)

<b>Changes</b>	Software	Bugfix on error 27555 (Error attempting to apply permissions)
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## Version 25 (2014-11)

<b>Features</b>	Firmware	Release of EPOS3 Firmware 0x2211
<b>Changes</b>	Software	EPOS2 Windows 64-bit and 32-bit DLL 5.0.1.0 (including .Net library, LabVIEW instrument driver)
		EPOS2 P Windows 64-bit and 32-bit DLL 1.3.1.0 (including .Net library, LabVIEW instrument driver)
		EPOS Linux library (ARMv6, ARMv7)
		OpenPCS license
	Documentation	Various documents updated

## Version 24 (2014-01)

<b>Features</b>	Firmware	Release of EPOS2 Firmware 0x2126
		Release of EPOS2 P Firmware 0x0205
	Documentation	Introduction of document EPOS2 Feature Comparison Chart (December 2013)
<b>Changes</b>	Software	EPOS2 Windows 64-bit and 32-bit DLL 4.9.5.0 (including .Net library, LabVIEW instrument driver)
		EPOS2 P Windows 64-bit and 32-bit DLL 1.2.4.0 (including .Net library, LabVIEW instrument driver)
		EPOS2 USB driver 2.08.30 (FTDI driver)
	Documentation	Various documents updated

## Version 23, Revision 2 (2013-07)

<b>Features</b>	Software	Internet setups expanded for all EPOS devices
<b>Changes</b>	Software	.Net Framework 2.0 for Windows XP added
		OpenPCS license update for EPOS2 P Firmware 0x0200
		Module MDAC 2.8 deleted
		EPOS2 USB driver 2.08.28 (FTDI driver)

## Version 23 (2013-04)

<b>Features</b>	Software	Release of EPOS Studio 2.00, Revision 2
	Firmware	Release of EPOS2 Firmware 0x2125
<b>Changes</b>	Software	OpenPCS license update May 1, 2013
		EPOS2 Windows 64-bit and 32-bit DLL 4.9.2.0 (including .Net library, LabVIEW instrument driver)
	Documentation	Various documents updated

## Version 22 (2013-01)

<b>Features</b>	Software	Release of EPOS Studio 2.00
	Firmware	Release of EPOS2 Firmware 0x2124
		Release of EPOS2 P Firmware 0x0204
		Release of EPOS3 Firmware 0x2210
<b>Changes</b>	Software	EPOS2 Windows 64-bit and 32-bit DLL 4.9.1.0 (including .Net library, LabView instrument driver)
		EPOS2 Linux library 4.9.1.0
		EPOS2 USB driver signed
	Documentation	Various documents updated

## Version 21 (2012-06)

<b>Features</b>	Hardware	Support for EPOS3 70/10 EtherCAT
	Documentation	Introduction of documents: <ul style="list-style-type: none"> <li>• EPOS3 EtherCAT Firmware Specification (March 2012)</li> <li>• EPOS3 EtherCAT Application Notes (March 2012)</li> <li>• EPOS3 EtherCAT Communication Guide (March 2012)</li> <li>• EPOS3 70/10 EtherCAT Hardware Reference, Cable Starting Set, Getting Started (March 2012)</li> </ul>
<b>Changes</b>	Software	EPOS2 USB driver 2.08.14 (FTDI driver)
	Documentation	Various documents updated

## Version 20 (2012-05)

<b>Changes</b>	Software	OpenPCS license update May 1, 2012
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## Version 19 (2011-12)

<b>Features</b>	Firmware	Release of EPOS2 Firmware 0x2123
		Release of EPOS2 P Firmware 0x0203
<b>Changes</b>	Documentation	Various documents updated

## Version 18 (2011-03)

<b>Features</b>	Software	Release of EPOS Studio 1.44
	Firmware	Release of EPOS2 Firmware 0x2122
		Release of EPOS2 P Firmware 0x0202
<b>Changes</b>	Software	Support for Windows 2000 ceased
		EPOS2 NI CompactRIO Library 1.0.10
		EPOS2 Linux library 4.8.1.0
		EPOS2 Windows 64-bit and 32-bit DLL 4.8.2.0 (including .Net library, LabView instrument driver)
	EPOS2 P Windows 64-bit and 32-bit DLL 1.2.2.0 (including .Net library, LabView instrument driver)	
	Documentation	Various documents updated

## Version 17 (2010-09)

<b>Features</b>	Software	Release of EPOS Studio 1.43
	Hardware	Support for EPOS2 24/2
	Firmware	Release of EPOS2 Firmware 0x2121
		Release of EPOS2 P Firmware 0x0201
Documentation	Introduction of documents EPOS2 24/2 Hardware Reference, Cable Starting Set, Getting Started (August 2010)	
<b>Changes</b>	Software	EPOS Windows 32-bit DLL 4.7.1.0 (including .Net library, LabView instrument driver)
		EPOS2 P Examples Library 1.1
		EPOS2 P Maxon Utility Library 2.1
		EPOS2 P Windows 32-bit DLL 1.1.1.0 (including .Net library, LabView instrument driver)
		OpenPCS 2008 6.4.3
		EPOS2 USB driver 2.06.02 (FTDI driver)
	Documentation	Various documents updated

## Version 16 (2010-04)

<b>Features</b>	Software	Release of EPOS Studio 1.42
		Introduction of context-sensitive and dynamic help
	Hardware	Support for EPOS2 P 24/5
	Firmware	Release of EPOS2 Firmware 0x2120
Documentation	Introduction of documents EPOS2 P 24/5 Hardware Reference, Cable Starting Set, Getting Started (April 2010)	
<b>Changes</b>	Software	EPOS2 P Windows 32-bit DLL 1.0.1.0 (including .Net library, LabView instrument driver)
		OpenPCS 2008 6.2.1 integrated
		EPOS P Maxon Utility Library 2.0
	Documentation	Various documents updated

## Version 15 (2010-02)

<b>Features</b>	Software	Support for Windows 7 64-bit
	Documentation	Introduction of document EPOS USB Driver Installation (January 2010)

## Version 14 (2009-10)

<b>Features</b>	Software	Introduction of EPOS Windows 32-bit DLL 4.6.1.3 (including .Net library, LabView instrument driver)
	Firmware	Release of EPOS P Firmware 0x0111



## Version 13 (2009-04)

<b>Features</b>	Software	Release of EPOS Studio 1.41
	Hardware	Support for EPOS2 24/5
	Firmware	Release of EPOS2 Firmware 0x2111
	Documentation	Introduction of documents EPOS2 24/5 Hardware Reference, Cable Starting Set, Getting Started (April 2009)
<b>Changes</b>	Software	EPOS P Maxon Utility Library 1.1
	Documentation	Various documents updated

## Version 12 (2008-12)

<b>Features</b>	Software	Release of EPOS Studio 1.40
	Hardware	Support for EPOS2 Module 36/2
	Firmware	Release of EPOS2 Firmware 0x2110
	Documentation	Introduction of documents EPOS2 Module 36/2 Hardware Reference, Cable Starting Set, Getting Started (December 2008)

## Version 11 (2008-06)

<b>Features</b>	Software	Release of EPOS Studio 1.30
		Compilation of one single CD-ROM for entire EPOS family (EPOS, MCD EPOS, EPOS2, EPOS P, MCD EPOS P)

## Version 10 (2008-04)

<b>Changes</b>	Software	License update May 1, 2008
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## Version 9 (2008-02)

<b>Features</b>	Documentation	Introduction of documents: <ul style="list-style-type: none"> <li>• EPOS P Application Examples (February 2008)</li> <li>• EPOS P Best Practice Examples (February 2008)</li> </ul>
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## Version 8 (2007-07)

<b>Changes</b>		Various bugfixes
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## Version 7 (2007-05)

<b>Features</b>	Software	Release of EPOS Studio 1.20
	Firmware	Release of EPOS P Firmware 0x0110
		Release of EPOS Firmware 0x2033

## Version 6 (2006-12)

<b>Changes</b>	Software	License check bugfixed
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## Version 5 (2006-11)

<b>Features</b>	Firmware	Release of EPOS Firmware 0x2032
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## Version 4 (2006-10)

<b>Changes</b>	Software	Special characters in EDS file removed
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## Version 3 (2006-09)

<b>Changes</b>	Software	Release of EPOS Studio 1.10, Revision 1
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## Version 2 (2006-09)

<b>Features</b>	Software	Release of EPOS Studio 1.10
	Firmware	Support for MCD EPOS and MCD EPOS P
	Documentation	Introduction of documents: <ul style="list-style-type: none"> <li>• MCD EPOS Hardware Reference, Cable Starting Set, Getting Started (June/August 2006)</li> <li>• MCD EPOS P Hardware Reference, Cable Starting Set, Getting Started (August 2006)</li> </ul>

## Version 1 (2006-09)

<b>Features</b>		Initial version
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## BRAND NAMES AND TRADEMARK OWNERS

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maxon motor ag  
Brünigstrasse 220  
CH-6072 Sachseln

+41 41 666 15 00  
[www.maxongroup.com](http://www.maxongroup.com)