

EPOS IDX

Setup «Release Notes»

Edition 2021-04

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 35 (2021-04)		
Features	Software	Release of EPOS Studio 3.7
		Release of EPOS Windows DLL 6.7.1.0 (including .Net library, LabVIEW instrument driver)
		Release of EPOS Linux Library 6.7.1.0
	Hardware	Support for EPOS4 Disk 60/8 CAN / EPOS4 Disk 60/8 EtherCAT / EPOS4 Disk 60/12 CAN / EPOS4 Disk 60/12 CAN SSC / EPOS4 Disk 60/12 EtherCAT / EPOS4 Disk 60/12 EtherCAT SSC
		Support for IDX 70
	Firmware	Release of EPOS4 Firmware 0x0170
Release of IDX Firmware 0x0170		
Documentation	Introduction of documents: <ul style="list-style-type: none"> • EPOS4 Disk 60/8 Hardware Reference (2021-03) • EPOS4 Disk 60/12 Hardware Reference (2021-03) • IDX 70 Feature Chart (2021-03) • IDX 70 User Manual (2021-03) 	
Changes	Documentation	Document updates: <ul style="list-style-type: none"> • EPOS Command Library Documentation • EPOS4 Application Notes, Communication Guide, Feature Chart, Firmware Specification, Firmware Version «Readme» • All EPOS4 Hardware References • IDX Application Notes, Communication Guide, Firmware Specification, Firmware Version «Readme» • IDX 56 Feature Chart, User Manual

Edition 34 (2020-04)		
Features	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 / 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"> • EPOS4 Micro/Compact 24/5 EtherCAT Hardware Reference (2020-04) • IDX 56 Feature Chart (2020-04) • IDX 56 User Manual (2020-04) 	
Changes	Documentation	Document updates: <ul style="list-style-type: none"> • EPOS Command Library Documentation • EPOS4 Communication Guide, Feature Chart, Firmware Specification, Firmware Version «Readme» • All EPOS4 Hardware References • IDX Firmware Specification, Firmware Version «Readme»

Edition 33 (2019-12)

Features	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
		Support for IDX 56
	Firmware	Release of EPOS4 Firmware 0x0160
Release of IDX Firmware 0x0160		
Documentation	Introduction of documents: <ul style="list-style-type: none"> • EPOS4 Micro 24/5 CAN Hardware Reference (2019-11) • IDX Application Notes (2019-11) • IDX Communication Guide (2019-11) • IDX Firmware Specification (2019-11) • IDX Firmware Version «Readme» (2019-11) 	
Changes	Software	Support for Windows XP ceased
	Documentation	Document updates: <ul style="list-style-type: none"> • EPOS Command Library Documentation • EPOS4 Application Notes, Communication Guide, Feature Chart, Firmware Specification, Firmware Version «Readme» • All EPOS4 Hardware References

Edition 32 (2018-12)

Features	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 / EPOS4 Compact 50/5 EtherCAT
Firmware	Release of EPOS4 Firmware 0x0150	
Changes	Documentation	Document updates: <ul style="list-style-type: none"> • EPOS Command Library Documentation • EPOS2 Module 36/2 Motherboard Hardware Reference • EPOS4 Application Notes, Communication Guide, Feature Chart, Firmware Specification, Firmware Version «Readme» • All EPOS4 Hardware References • Integration of EPOS4 Compact 24/1.5 EtherCAT and EPOS4 Compact 50/5 EtherCAT into corresponding Hardware References

Edition 31, Revision 2 (2018-08)

Changes	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)

Features	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 / EPOS4 70/15
	Firmware	Release of EPOS4 Firmware 0x0140
	Documentation	Introduction of document EPOS4 70/15 Hardware Reference (May 2018)
Changes	Documentation	Document updates: <ul style="list-style-type: none"> • EPOS Command Library Documentation • EPOS4 Application Notes, Feature Chart, Firmware Specification, Firmware Version «Readme» • All EPOS4 Hardware References • Integration of EPOS4 Compact 50/8 EtherCAT and EPOS4 Compact 50/15 EtherCAT into corresponding Hardware References

Edition 30 (2017-11)

Features	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)
Changes	Documentation	Document updates: <ul style="list-style-type: none"> • EPOS2 Application Notes, Feature Chart, Firmware Specification • EPOS2 24/2 Hardware Reference / EPOS2 50/5 Hardware Reference / EPOS2 70/10 Hardware Reference • EPOS4 Application Notes, Communication Guide, Feature Chart, Firmware Specification, Firmware Version «Readme» • All EPOS4 Hardware References

Edition 29 (2017-05)

Features	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)
Changes	Documentation	<p>Document updates:</p> <ul style="list-style-type: none"> EPOS2 24/2 Hardware Reference / EPOS2 Module 24/3 Hardware Reference / EPOS2 Module 36/2 Hardware Reference EPOS4 Application Notes, Communication Guide, Feature Chart, Firmware Specification, Firmware Version «Readme» EPOS4 Module 24/1.5 Hardware Reference / EPOS4 Module 50/5 Hardware Reference / EPOS4 Module/Compact 50/8 Hardware Reference / EPOS4 Module/Compact 50/15 Hardware Reference

Edition 28, Revision 2 (2017-01)

Changes	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)

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

Edition 27 (2016-06)

Features	Software	Release of EPOS Studio 3.0
	Hardware	Support for EPOS4 Module 50/8 / EPOS4 Compact 50/8 CAN / EPOS4 Module 50/15 / EPOS4 Compact 50/15 CAN
	Firmware	Release of EPOS4 Firmware 0x0100
	Documentation	Introduction of documents: <ul style="list-style-type: none"> • EPOS4 Application Notes (May 2016) • EPOS4 Communication Guide (May 2016) • EPOS4 Feature Chart (June 2016) • EPOS4 Firmware Specification (June 2016) • EPOS4 Firmware Version «Readme» (June 2016) • EPOS4 Module/Compact 50/8 Hardware Reference (May 2016) • EPOS4 Module/Compact 50/15 Hardware Reference (May 2016)
Changes	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"> • EPOS2 Feature Comparison Chart as EPOS2 Feature Chart • EPOS2 Application Notes Collection as EPOS2 Application Notes • EPOS3 Application Notes Collection as EPOS3 Application Notes
		EPOS Command Library: Integration of EPOS4
		Various documents updated

Edition 26 (2015-10)

Changes	Software	Bugfix on error 27555 (Error attempting to apply permissions)
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Version 25 (2014-11)

Features	Firmware	Release of EPOS3 Firmware 0x2211
Changes	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)

Features	Firmware	Release of EPOS2 Firmware 0x2126
		Release of EPOS2 P Firmware 0x0205
	Documentation	Introduction of document EPOS2 Feature Comparison Chart (December 2013)
Changes	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)

Features	Software	Internet setups expanded for all EPOS devices
Changes	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)

Features	Software	Release of EPOS Studio 2.00, Revision 2
	Firmware	Release of EPOS2 Firmware 0x2125
Changes	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)

Features	Software	Release of EPOS Studio 2.00
	Firmware	Release of EPOS2 Firmware 0x2124
		Release of EPOS2 P Firmware 0x0204
		Release of EPOS3 Firmware 0x2210
Changes	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)

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

Version 20 (2012-05)

Changes	Software	OpenPCS license update May 1, 2012
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Version 19 (2011-12)

Features	Firmware	Release of EPOS2 Firmware 0x2123
		Release of EPOS2 P Firmware 0x0203
Changes	Documentation	Various documents updated

Version 18 (2011-03)

Features	Software	Release of EPOS Studio 1.44
	Firmware	Release of EPOS2 Firmware 0x2122
		Release of EPOS2 P Firmware 0x0202
Changes	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)

Features	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 Cable Starting Set/Getting Started/Hardware Reference (August 2010)	
Changes	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)

Features	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 Cable Starting Set/Getting Started/Hardware Reference (April 2010)	
Changes	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)

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

Version 14 (2009-10)

Features	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)

Features	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 Cable Starting Set/Getting Started/Hardware Reference (April 2009)
Changes	Software	EPOS P Maxon Utility Library 1.1
	Documentation	Various documents updated

Version 12 (2008-12)

Features	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 Cable Starting Set/Getting Started/Hardware Reference (December 2008)

Version 11 (2008-06)

Features	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)

Changes	Software	License update May 1, 2008
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Version 9 (2008-02)

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

Changes		Various bugfixes
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Version 7 (2007-05)

Features	Software	Release of EPOS Studio 1.20
	Firmware	Release of EPOS Firmware 0x2033
		Release of EPOS P Firmware 0x0110

Version 6 (2006-12)

Changes	Software	License check bugfixed
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Version 5 (2006-11)

Features	Firmware	Release of EPOS Firmware 0x2032
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Version 4 (2006-10)

Changes	Software	Special characters in EDS file removed
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Version 3 (2006-09)

Changes	Software	Release of EPOS Studio 1.10, Revision 1
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Version 2 (2006-09)

Features	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"> • MCD EPOS Cable Starting Set/Getting Started/Hardware Reference (June/August 2006) • MCD EPOS P Cable Starting Set/Getting Started/Hardware Reference (August 2006)

Version 1 (2006-09)

Features		Initial version
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