

RELEASEnotes

1 Introduction:

These release notes contain:

- Update information
- What is new
- What is improved
- Supported Windows platforms
- Supported Genesis High Speed platforms
- Supported QuantumX modules
- Licensing information

NOTE: Perception is no longer supported on Windows™ Vista.

2 Version 7.34

2.1 Update information:

These release notes describe changes between Perception (including GEN series firmware) versions

V7.30.18324 and V7.34.19014

Highlights:

- Fixed crash upon moving cursor in combination with certain Formula Database entries.

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2.2 What is improved:

Mainframe stability improvements	Improved mainframe software stability (in some corner cases, making changes to a formula setup and/or using a CAN dongle caused instabilities)
EtherCAT	The GEN series EtherCAT slave now recovers to operational state after loading configured boot settings.
QuantumX support	<p>Fixed case where QuantumX units sometimes reported a false positive 'no sensor attached'.</p> <p>Now reading units from QX unit instead of reporting V always</p> <p>First connection after upgrade could show incorrect number of channels, this is fixed.</p>
Word reporting	In reporting, bookmarks for bitmaps now correctly resize
Print Settings	Printing settings to PDF no longer causes Perception to crash
Formula database	<p>Improved performance of TrueRMS function</p> <p>Improved responsiveness of displaying data from the formula database</p>

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2.3 Supported/Tested on latest Windows versions

Including all updates until January 2019:

- Windows 7 Ultimate SP1 (64 and 32 bit)
- Windows 8.1 Pro (64 and 32 bit)
- Windows 10 Pro 1607 and higher (64 bit only)

Notes:

Perception 32-bit version can be downloaded from the HBM website

Installation requirements:

- Dot Net Framework V4.7.2
(distributed with the install CD and available for download on the internet)
- Microsoft Direct3D® capable graphics card.

2.4 Supported/Tested Genesis High Speed platforms:

- GEN2i
- GEN2tB
- GEN3i
- GEN3t
- GEN5i
- GEN7i
- GEN7t
- GEN7tA
- GEN16t
- GEN17tA
- ISOBE5600
- BE3200

Notes:

IM1 modules are no longer supported. Perception 7.30 or higher will notify you if this applies to your hardware.

2.5 Supported/Tested QuantumX Modules:

- MX1609KB
- MX1609TB
- MX471B
- MX809B

Data streaming is available for all other B type or later QuantumX modules.

Note: Perception includes and only works with the following QuantumX software components

QuantumX firmware: V4.12.32.0
HBM common API: V4.0.0.7

Patents no: 7,868,886

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2.6 Perception licenses:

Version	Description	
1-PERC-ST-01-2	Perception Standard	Free
1-PERC-AD-01-2	Perception Advanced	Paid
1-PERC-VA-01-2	Perception Viewer Enterprise	Paid
1-PERC-E64-01-2	Perception Enterprise	Paid

2.6.1 Perception supports the following application extensions:

Version	Description	
1-PERC-OP-EDR	eDrive application (setup, live and efficiency mapping table)	Paid
1-PERC-OP-STL	Advanced High Voltage/High Power analysis according STL standards	Paid
1-PERC-OP-HIA	High Voltage Impulse Analysis	Paid
1-PERC-OP-CSI-2	CSI Runtime extensions (Customized Software Interfaces)	Paid

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