

# RELEASEnotes

## Perception & GEN Series firmware V6.72.15352

These release notes are:

Perception:

from V6.70.15224 to V6.72.15352

GEN series firmware:

from V6.70.15224 to V6.72.15352

QuantumX firmware:

V4.4.16.0

HBM QuantumX API:

V4.1.3.150

HBM common API:

V2.0.1.2

Firmware release notes are an integral part of the software and these release notes.

### Supported/Tested Windows 32 bit versions:

- Windows Vista Business SP2
- Windows Vista Ultimate SP2
- Windows 7 Ultimate SP1
- Windows 8 Pro
- Windows 8.1 Pro
- Windows 10 Pro

### Supported/Tested 64 bit versions:

- Windows Vista Business SP2
- Windows Vista Ultimate SP2
- Windows 7 Ultimate SP1
- Windows 8 Pro
- Windows 8.1 Pro
- Windows 10 Pro

And Windows Updates until 13<sup>th</sup> October 2015.

**IMPORTANT:** Perception is no longer supported on Windows XP.

### Supported/Tested Genesis High Speed platforms:

- GEN17tA
- GEN3t
- GEN7t
- GEN7tA

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- GEN16t
- GEN7i
- GEN5i
- GEN3i
- GEN2i
- ISOBE5600
- BE3200

**IMPORTANT:** LIBERTY is no longer supported by Perception

Supported/Tested QuantumX Modules:

- MX1609KB
- MX1609TB
- MX471B

All Perception versions require Dot Net Framework V4.0 which will be distributed with the install and is also available for download on the internet.

All Perception versions also require a Microsoft Direct3D® capable graphics card.

Patents:

Patent No. 7,868,886

This version is distributed using the following editions:

- 1-PERC-VW            Viewer Edition
- 1-PERC-VA           Viewer Advanced
- 1-PERC-ST           Standard Edition
- 1-PERC-AD           Advanced Edition
- 1-PERC-PRO          Professional Edition
- 1-PERC-E64          Enterprise Edition

The following options are part of this version:

- 1-PERC-OP-MWB      Multiple Workbooks
- 1-PERC-OP-MEX      Multiple Exports formats
- 1-PERC-OP-MMF      Multiple Mainframes
- 1-PERC-OP-AN       Analysis (Formula database)
- 1-PERC-OP-RP       Reporting & Word Reporting
- 1-PERC-OP-IF       SOAP & RPC Interface
- 1-PERC-OP-VP       Video Playback
- 1-PERC-OP-CSI-2     CSI Runtime
- 1-PERC-OP-STL       Advanced High Voltage/High Power analysis (STL)
- 1-PERC-OP-IS       Customized Info sheets
- 1-PERC-OP-HHP      HP-HV Automated Analysis
- 1-PERC-OP-BE       BE256 / MultiPro Control
- 1-PERC-OP-BFFT      Basic FFT

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- 1-PERC-OP-HIA HVIA
- 1-PERC-OP-SEQ Sequencer (BE3200)
- 1-PERC-OP-SDB Sensor Management
- 1-PERC-OP-EDR eDrive application (setup & live)

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The following features have been added:

## Perception:

- 11687 eDrive: Unblock Master / Slave settings to allow two eDrive systems to run in parallel
- 11701 Add Report To Word user key action

The following errors have been fixed:

## Perception:

- 11698 Large sweeps are not fully drawn when recording
- 11703 Perception stops responding when report sheet shows partial (clipped) UserTable
- 11528 Review while recording window stops updating during multi-day recording
- 11713 Perception can run out of memory when having live display with calculated channel
- 11717 Sweep not stored completely to disk, storage state remains active
- 11719 Loading a workbench containing a "large" user table takes too much time
- 11726 Perception might lose connection to mainframe in some EtherCAT usage scenarios

## GEN Series firmware:

- 11682 Wrong calculated Values through the Recording Batch Processing
- 11692 Overload and over-temperature -> auto range does not update the VNorm
- 11693 AcqFib100M may cause mainframe hang-ups
- 11714 Pulse detector of trigger settings shown as unsupported on GN441 card

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