

D9010EBSC IEEE 802.3 bs/cd Application Software

Keysight D9010EBSC Software Version 02.11.0010

Released Date:	29 Aug 2022
Requirements category (e.g., operating system):	Windows 10
Requirements category (e.g., instrument software version):	6.73.00102,11.30.00202
File Name:	SetupInfIEEE400G02110010.exe

-This is the last version that supports Z-series scope. For ongoing support related to IEEE electrical conformance tools, please contact your local Keysight sales team for upgrade options into higher precision instruments.

-Update Z-series/UXR: Fixed transition time measurements to handle closed eyes

-Update Z-series/UXR: Infiniium added specific sigma-N measurement to isolate long runs of each level as specified. Updated app to use the sigma-N measurement, previously using EZjit noise measurement.

-Update UXR: Update RLM to set pattern for level calculation. This properly separates the distributions of each level in a closed eye. This replaces traditional threshold method.

-Update UXR: Update all jitter, pulse response, SNDR to use Infiniium loaded pattern for closed eyes

-Update UXR: Added noise calibration to setup tab. Select "Calibrate Scope Noise" follow steps. Noise will be removed from jitter and sigma-n/SNDR measurements

-Update UXR: Disabled InfiniiSim plot for HW acceleration to improve test time when using InfiniiSim

-Known issue: When a user selects a debug mode clock recovery, the NRZ SNDR tests will remain with the compliance clock recovery. No other tests are affected by this, and all PAM-4 tests will update with the debug clock recovery.

Keysight D9010EBSC Software Version 02.10.0032

Released Date:	9 July 2020
Requirements category (e.g., operating system):	Windows 10
Requirements category (e.g., instrument software version):	11.30.
File Name:	SetupInfIEEE400G02100032.exe

Updated app to new licensing

-Updated rise/fall time to average waveform and isolate on PAM4 000333 and 333000. Previously, all 03,30 edges were tested.

-This is the last version to support Z-series

Keysight D9010EBSC Software Version 02.10.0029

Released Date:	4 June 2020
Requirements category (e.g., operating system):	Microsoft Windows 7, Windows 10
Requirements category (e.g., instrument software version):	6.60.00601/11.15.00003
File Name:	SetupInfIEEE400G02100029.exe

Updated app to new licensing

-Update apps jitter to new 11.15 requirements (PAM4 jitter requires 100 patterns per acq)

Keysight D9010EBSC Software Version 02.10.0028

Released Date:	10 Feb 2020
Requirements category (e.g., operating system):	Microsoft Windows 7, Windows 10
Requirements category (e.g., instrument software version):	6.55.00902/10.25.01302
File Name:	SetupInfIEEE400G02100028.exe

Updated app to new licensing

-Verified app with Infiniium versions 6.55.00902 and 10.25.01302

-updated jitter measurement thresholds to use hysteresis (was using %). This enables a better threshold find for odd shaped eyes

-Fixed scaling on InfiniiSim signals.

Keysight D9010EBSC Software Version 02.10.0020

Released Date:	2 July 2020
Requirements category (e.g., operating system):	Microsoft Windows 7, Windows 10
Requirements category (e.g., instrument software version):	6.55.00702/10.25.00902
File Name:	SetupInflEEE400G02100020.exe

Updated app to new licensing

-Update InfiniiSim for 4 channel scope, to properly identify channel 1&2 or 3&4 pairings

-Update thresholds for averaging tests. Now, use eye to find best thresholds

-Add Far-end Optimal CTLE Utility

-Correct Far-end channel response.

-Known issues: Waveforms not getting saved for all tests when Save Waveforms selected. If running Tx disabled back to back in same trial for TP0a then TP1a, the second result will be incorrect. In a new trial/connection, it will be correct.

Keysight D9010EBSC Software Version 02.10.0000

Released Date:	18 June 2019
Requirements category (e.g., operating system):	Microsoft Windows 7, Windows 10
Requirements category (e.g., instrument software version):	6.40/10.10
File Name:	SetupInflEEE400G02100000.exe

Updated app to new licensing

Verified on UXR

Keysight N6472A Software Version 01.00

Released Date:	27 April 2018
Requirements category (e.g., operating system):	Microsoft Windows 7, Windows 10
Requirements category (e.g., instrument software version):	6.20
File Name:	SetupInflEEE400G01000015.exe

Fixed CTLE 2dB Zero freq

Keysight N6472A Software Version 01.00

Released Date:	27 April 2018
Requirements category (e.g., operating system):	Microsoft Windows 7, Windows 10
Requirements category (e.g., instrument software version):	6.20
File Name:	SetupInfIEEE400G01000014.exe

Initial Release

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