# Industry-first AC/DC electrical validation solution for SD Card and eMMC Devices

**Forstinning (Germany), November 23, 2022 - eVision Systems GmbH,** authorized Prodigy Technovations distributor for Central Europe, announced its PGY-SSM-EV-Tester SD, eMMC AC/DC Electrical Validation Tester for electrical characterization of SD card for UHS-I and eMMC for HS400 (eMMC5.1) specification. This innovative solution enables validation engineers to test the SD card and eMMC devices with a click of a button for different operating modes and characterize 100s of electrical and timing specifications saving significant validation time.

## PGY-SSM-EV-Tester Setup

PGY-SSM-EV-Tester provides the flexibility to select an SD card, microSD card, or eMMC device and its operating modes for testing purposes. PGY-SSM-EV-Tester allows users to place these devices in different modes and send read and write commands. PGY-SSM-EV-Tester software communicates with an oscilloscope to acquire the clock, command, strobe, and data signals over an ethernet interface. The software analyses the oscilloscope-acquired data for AC and DC characteristics of SD card and eMMC devices.

PGY-SSM-EV-Tester makes 100s of measurements for SD card and eMMC devices and checks for limits specified in the standards document. The tester provides flexibility to vary the time delay between the clock and command signal and validate the boundary specifications. PGY-SSM-EV-Tester allows the test engineer to write different test cases.

**PGY-SSM-EV-Tester Software**

Key Features of PGY-SSM-EV-Tester SD and eMMC AC/DC electrical measurement solution

- Supports eMMC 4.41, 4.51, 5.0, 5.1, and SD card 2.0/3.0 (UHS-I) Specifications
- Supports host controller for eMMC and SD card and flexibility to place devices in operating modes
- Exerciser capability to write different test cases and inject the traffic to devices
- Controls the eMMC and SD card host controller and oscilloscope signal acquisition for seamless measurement analysis
- Provides all AC/DC measurements and generates a detailed report

**Prices and availability**

The SD and eMMC AC/DC electrical measurement solution is available at:
https://evision-webshop.de/Prodigy-SD-eMMC-AC/DC-Tester

Further information on prices at this contact:
sales@evision-systems.de

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## About eVision Systems GmbH

eVision Systems GmbH supports companies targeting the development of microelectronics with a substantial portfolio of measuring- and testing equipment, electronic design automation (EDA) development tools, and services.

Since we founded eVision Systems GmbH, our goal has been to help young and innovative companies enter the Central European market. It is common to all their products that the technology is unique, that they are more than an alternative to established solutions, and that they enhance and complement existing design flows. As a result, safety in the design, reusability, and increased productivity are their customers' success factors.

Acceleration of the simulation and verification of complex designs through formal verification, HDL simulation, Linting, and Code Coverage are a few topics they address with these emergent and trend-setting products.

Together with ALDEC, Agnisys, AIVION, Atten, Dediprog, Empyrean, Ikalogic, Passmark Software, PEmicro, Prodigy Technovations, Sigasi, Siglent, and Total Phase, we work with customers throughout Europe.

You can find more information on our website: www.evision-systems.de or our online shop www.evision-webshop.de.

## About Prodigy Technovations

Prodigy Technovations Pvt Ltd (www.prodigytechno.com) is the leading provider of innovative protocol analysis solutions for mainstream and emerging technologies such as eMMC, SD, SDIO, UHS-II, I3C, RFFE, and SPMI. We provide Protocol Decode and PHY layer testing solutions on Test & Measurements equipment. The company's ongoing efforts include successfully implementing innovative and comprehensive protocol analysis solutions using the latest hardware technologies.