≡ACTiSYS

FOR IMMEDIATE RELEASE

ACTiSYS announced Second-Generation of "Official" IrSimple™ Protocol Test Suite, ACT-IR9305, with 10 times finer resolution, to test LDE and all IrSimple 271 Test Cases

(Fremont, California, USA, January 24, 2011) - ACTiSYS Corp., a long-time IrDA® and IrSimple™ technology and solution provider, announced the new, second-generation of "Official" IrSimple Protocol Debug and Test Suite, ACT-IR9305. It scores 10 times finer timing resolution, can accurately test full IrSimple 271 Test Cases and LDE (Long Distance Extension), and supports VFIR, FIR, SIR, than the old "IrDA Official" ACT-IR9005 tester.

In the past 18 months, ACTiSYS IrSimple Test Lab has tested many old IrSimple models, and verified: 1) Both ACT-IR9305 and the old ACT-IR9005 showed exactly the same test result on 209 IrSimple Test Cases. 2) Of the remaining 62 Test Cases, which ACT-IR9005 can not accurately test, due to "known" hardware timing-resolution limitation, ACT-IR9305 accurately tested all, verified in detail, by "IrDA Official" IrSimple Probe/Analyzer, ACT-IR9211.

In the last 18 months, ACTiSYS Test Lab also tested 10 new IrSimple models, using ACT-IR9305. It uncovered DUT timing problem, some of which were corrected by manufacturers, and some of which applied for and received Test-Council waiver. All 10 models have received IrSimple certification, tested by this new ACT-IR9305, only one tester! Using old ACT-IR9005, would need other manual means to test the remaining 62 Test Cases.

IrSimple™ Protocol Primary and Secondary Tester-2nd Generation (ACT-IR9305) Highlights:

- ACT-IR9305 can successfully receive, Uni-mode Primary Test Cases at Min Packet interval time of 100 micro-second, while old ACT-IR9005 fails to receive if interval is less than 1 millisecond.
- ACT-IR9305 can maintain, Uni-mode Secondary Test Cases-Minimum Packet interval time as per Spec., while old ACT-IR9005 can not maintain the Minimum Packet interval time exactly.
- ACT-IR9305 allows Maximum Frame Size of 32 Kbytes, old ACT-IR9005 is limited to 2 Kbytes.
- ACT-IR9305 supports file size up to 20 Mbytes, while old ACT-IR9005 is limited to 25 Kbytes.
- ACT-IR9305 can display Frame-wise timing details, while old ACT-IR9005 can not.
- Long Distance Extension (LDE) Test Cases (Primary and Secondary) are fully implemented.
- ACT-IR9305 enables flexible Configurable Negotiation Parameters, which is very useful in protocol debugging, while old ACT-IR9005 can not support it.
- ACT-IR9305 supports IrSimple™ -VFIR, FIR and SIR data rates.
- ACT-IR9305 has facility to record Raw Binary Data, while old ACT-IR9005 can not do it.
- ACT-IR9305 allows customized test file selection for Unimode tests, ACT-IR9005 can not support.
- ACT-IR9305 expanded and improved Diagnostic Database, first implemented in old ACT-IR9005.

Web link: http://www.actisys.com/CompTest.html
==