

# ACT-IR9005

## *IrSimple Protocol Debug and Test Suite*

- Facilitates testing and debugging of IrSimple LAP, LMP, SMP and OBEX Layers.
- Supports both IrSimple Primary and Secondary devices.
- Supports IrDA-D1.1 FIR (4 Mbps), MIR (0.576 & 1.152 Mbps) and SIR (9.6~115.2 kbps) through USB1.1 port and Windows software..
- The only tester that implemented all 209 IrSimple Test Cases, as per IrSimple Test Spec-v1.0.
- Test software and Debugger intelligence are easily upgradeable and expandable.
- Friendly and comprehensive multi-window GUI for easy viewing and operation.
- Able to test & debug several Test Cases of one Test Group by downloading SW once only
- Detailed information regarding test progress, test results and violations are displayed in different color, in separate windows, for each Test Cases.
- Debugger module describes the reason for Test Failure in every IrSimple Test Cases.
- User can customize Test Cases based on their IrSimple Primary/Secondary device features.
- User can run IR9005SW easily without knowing IrDA IrSimple Test Specification in detail.
- Automatically generates official IrSimple Test Report, per approved Test Report Templates.
- Speeds up the IrDA® IrSimple Qualification of your IrSimple products.
- Recently approved by IrDA as the “official” IrSimple test tool to qualify IrSimple devices.
- Supports Windows 2K/XP/Vista

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## IrSimple Protocol Debug and Test Suite

- **Compatibility:**

Fully compliant with USB 1.1

- **Communication speed and Distance:**

9.6k, 19.2k, 38.4k, 57.6k, 115.2k, 0.576M, 1.152M, 4M bps, 1 cm ~ 100 cm

- **Power Source:**

Obtains power from USB

- **Power Consumption:**

Active mode current: 110 ~ 150 mA, Ready mode current: 50 mA

- **Dimension / Weight:**

91 mm L (3.58") X 95 mm W (3.75") X 32mm H (1.25") / 110g (4.1 Oz)

- **Operating / Storage Temperature:**

0° C to +40° C / -20° C to +85° C

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