

## ACT-IR92x1

IrSimple<sup>TM</sup> & IrDA<sup>®</sup> FIR/VFIR Protocol Probe and Analyzer

- Supports IrDA<sup>®</sup> SIR (9.6~115.2 kbps), MIR (0.576 and 1.152Mbps), FIR (4Mbps) and VFIR (16Mbps) through USB 2.0 port and Windows software.
- ≻ Supports IrDA<sup>®</sup>, IrSimple<sup>™</sup> & IrSimpleShot<sup>™</sup> Protocol stack.

➤·Facilitates recording & debugging of LAP<sup>TM</sup>, LMP<sup>TM</sup>, TinyTP<sup>TM</sup>, SMP<sup>TM</sup>, OBEX<sup>TM</sup> and IrSimple<sup>TM</sup> layers.

- > Promotes inter-operability of IrDA<sup>®</sup> and IrSimple<sup>™</sup> Primary and Secondary devices.
- >.Different protocol layers are highlighted by different color for easy analysis.
- Shows details of: frame timing, role play, frame commands, frame sequence, etc.
- Friendly and comprehensive multi-window GUI for easy viewing and operation.
- All Windows are easily resizable & online display during recording.
- •Provides to Filter LAP, LMP, Tiny TP, SMP and OBEX layers.
- Displays both character and ASCII format of all frames.



- ➤·Highlights Errors like: CRC error, Frame sequence error, etc.
- Supports both Bi-Mode and Uni-Mode for IrSimple™.
- Supports large frame size (up to 32KB).
- >•Automatically generates Summary report with Abnormal and Error frames listed.
- ➢·Provides to Generate Text Format Report.
- $\rightarrow$  Debugging and Analyzing intelligence are easily upgradeable and expandable.
- $\rightarrow$  Hardware is powered by USB port.
- Supports Windows 2000, XP and Vista.

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## Specifications

Compatibility: Fully compliant with USB 2.0

**IrSimple**<sup>TM</sup>

- Communication speed : 9.6k, 19.2k, 38.4k, 57.6k, 115.2k, 0.576M, 1.152M, 4M, 16M bps
- Communication distance :
  Standard power: 20 ~ 50 cm; Low power: 5 ~15 cm
- Power Source:
  Obtains power from USB
- Power Consumption:
  Active mode current: 122 ~ 130 mA, Ready mode current: 116 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 (+32° F to +104° F /  $-4^{\circ}$  F to +185° F)

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