

ACT-IR92xx

IrDA & IrSimple FIR/VFIR Protocol Probe and Analyzer

- Supports IrDA 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 both IrDA (ACT-IR9210/IR9220) and IrSimple (ACT-IR9211/IR9221) Protocol stack.
- Facilitates recording & debugging of LAP, LMP, TinyTP, SMP, OBEX and IrSimple layers.
- Promotes inter-operability of IrDA™ and IrSimple Primary and Secondary devices.
- Different protocol layers are highlighted by different color for easy analysis.
- Shows details of: frame timing, role played, frame commands, frame sequence, etc.
- Friendly and comprehensive multi-window GUI for easy viewing and operation.
- All Windows are easily re-sizable.
- Online Display during recording.
- Provision 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.
- For IrSimple, ACT-IR9211/IR9221 supports both Bi-Mode and Uni-Mode.
- Supports large frame size (up to 32KB).
- Summary report will be automatically generated, and Abnormal and Error frames are listed.
- Provision to Generate Text Format Report.
- Debugging and Analyzing intelligence are easily upgradeable and expandable.
- ACT-IR9200D is powered by USB port.
- Support Windows 2000 and XP.

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- **Compatibility:**

Fully compliant with USB 2.0

- **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

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