

**Radicom Research, Inc.**

2148 Bering Drive • San Jose, CA 95131  
 Tel: 408-383-9006 • Fax: 408-383-9007  
[www.radi.com](http://www.radi.com)

**Medical Dial-Up Modems****Linux, Windows and Mac O/S Support**

Radicom Research has announced a complete family of external and embedded modems specifically designed to meet the stringent requirements for the Medical Services Industry. These very small and versatile modems are available in both Serial TTL and the popular USB interfaces. The Radicom Research Medical Modem(tm) family is Safety, Emissions, and Telco compliant to meet most medical device requirements.

**IEC60601 Certified, 3KV Breakdown**

As well as compliance with IEC60601-1 for medical applications, 3KV breakdown is also available in both the USB and Serial versions. The certifications are transferable to allow easy integration into almost any platform. Available in commercial and industrial temperature ranges, all versions are RoHS Compliant.

**Complete Compatibility**

All Medical Modem versions are CCITT and Bell compliant for complete compatibility to existing and future installations. The family is also compliant to domestic and international Telco standards. Versions include 300bps (V.21/Bell103), 1200/2400bps (Bell212/V.22/V.22bis), 14.4kbps (V.32bis), 33.6kbps (V.34) and 56kbps (V.90/V.92).

**Full Features**

All platforms are available with FAX, voice playback and record, as well as DTMF (SP) tone generation and detection. These versatile products can be provisioned for applications ranging from office and home monitoring systems, data retrieval and reporting to answering inbound calls with voice responses.

**Custom Engineering**

Radicom specializes in designing and manufacturing modems for OEMs. Radicom modifies its award-winning modem to meet specific application requirements, and designs custom products to fit special needs. Customized OEM color and private labeling are welcome.

**FEATURES:**

- USB 1.1 and USB 2.0 support (USB Models)
- Linux (CDC-ACM), Windows and Mac O/S support
- AT command set
- Up to V.92 56K bps data speeds
- Send / Receive 14.4 kbps Fax speed
- On line Voice playback and recording
- Data flow control and speed buffering
- Automatic format / speed sensing
- V.29 Fast-POS support
- Concurrent DTMF, ring and caller ID detection
- Line-in use, extension pick-up and remote hang-up detection
- Caller ID type I and II for select countries
- NVRAM for storing AT commands, telephone numbers and country configuration
- Agency approvals:
  - FCC68, CS03, CTR21 (EU) certified
  - IEC60950-1, EN60950-1 approved
  - c/UL 60950-1 approved (select model)
  - IEC60601-1 approved
  - IEC60601-1-2 approved (select model)
  - CE Marking
  - AU / NZ Telecom compliant tested (select model)
  - FCC15B & UL listed (select model)