

The TAM100-VoIP, T1/E1 VoIP Network/Gateway Analyzer provides VoIP network users and service providers a low cost tool to test, verify and maintain VoIP networks at the WAN interface point for gateways, IP-PBX/switches and medium capacity legacy network terminals.

VoIP network connectivity depends on WAN access from PSTN networks, customer's legacy PABXs and switches that may be using either CAS or digital signaling protocols such as SS7 and PRI. TAM100-VoIP not only supports T1/E1 but CAS, SS7 and PRI signaling protocols all within the same portable, user friendly package.

The new ISDN call emulator allows you to test your network and equipment for true call placement and service connections maximizing quality of service. You can quickly isolate non-performing channels thereby maximizing your call volume and revenues. Drop and insert mode allows you to quickly isolate customer compliant or blocked channels from PSTN or legacy networks.

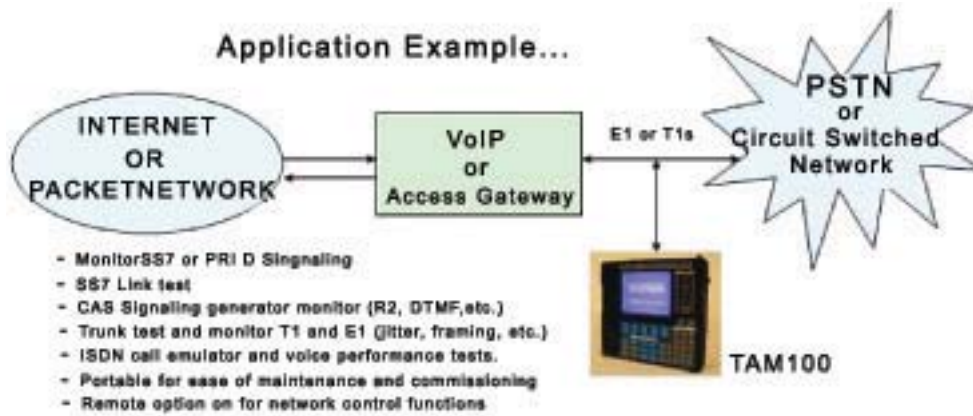


The TAM100-VoIP consists of the T1/E1 basic system, the ISDN and SS7 options, the CAS option (that also supports R2 signaling still used throughout the world) and the Remote option that provides an IP based network access to a remote PC running a TAM100 emulator display program. The Accessory Kit includes the protective hard transport case, thermal printer, paper, test cables and CD based user Guide. The TAM100-VoIP also can be flash upgraded to support other options and the future Traffic Simulator Option that will allow you to fully load and prove QoS of your VoIP Network.

FEATURES:

- TAM100-VoIP supports T1, E1 testing with CAS-DTMF/MF/R2 and ISDN/SS7 signaling
- Dual T1/E1 transmitters and receivers
- BERT, fractional BERT, G.826 and M.2100
- Remote access option for control and logging of data into a PC or IP connection
- Wide range of signaling monitoring functions supporting SS7/C7, ISDN, CAS – R1, R2, MF/DTMF etc.
- ISDN PRI D channel monitoring and call emulation
- Selectable Signaling Message filters
- SS7 monitoring (MTP, SCCP, ISUP and TCAP)
- Portable, lightweight and handheld
- High brightness and contrast LCD screen
- Long lasting Lithium Ion battery
- Bantam, BNC or modular test interfaces
- Remote control capable via PC, LAN or IP link
- Ready for Traffic Simulator option upgrade for VoIP Network stress testing
- Printer and accessories options
- Field upgradeable flash memory for new features and options

Application Example...



Base Units: ➔	TAM100-VoIP				
Options: ↓					
TAM100-SS7	YES				
TAM100-ISDN	YES				
TAM100-SIG2	YES				
TAM100-R2FB	YES				
TAM100-WIN	YES				
TAM100-UA	Optional				
TAM100-FRAC	Optional				
TAM100-PRODLY	Optional				
TAM100-DCOMM	Optional				
TAM100-DPRT	Optional				
TAM100-STDPACK	YES				

Options Description:

- TAM100-SS7** SS7 Analyzer (Reports Layers 1-4)
- TAM100-ISDN** PRI D Channel Analyzer and Emulator
- TAM100-SIG2** CAS signaling (DTMF/MF) send & display
- TAM100-R2FB** R2 signaling Forward/Backward Emulation (requires SIG2 option)
- TAM100-WIN** PC application for remote control and monitoring of TAM100
- TAM100-UA** μ-law/A-law selection in T1 or E1
- TAM100-FRAC** Drop/Insert nX64KB/s BERT test
- TAM100-PRODLY** Measures round trip circuit path delay
- TAM100-DCOMM** Data bit error testing option (RS232/V.35 etc)
- TAM100-DPRT** T1/E1 data port nX56/64KB/s, drop & insert V.35 interface
- TAM100-STDPACK** Accessories (case, printer, paper, cables, etc.)

Basic Unit Description:

TAM100-VoIP Dual T1 or E1 port tester