

TAM100

T1/E1 Trunk Analyzer & Monitor

The TAM100 series T1/E1 trunk Analyzer and Monitor products provide service providers a **low cost solution for troubleshooting Telco links** with signaling monitoring.

Alternative testers and trace functions in switching systems do not offer the detailed analysis of a link problem as diagnosed by the TAM100.

With **remote monitoring** through the PC LAN interface, the service provider can quickly identify service related problems thereby restoring traffic quickly and minimizing down time.

By incorporating all these functions into one portable (or rack mounted device), the service provider can support a remote or master POP location.

With numerous configuration options, the service provider only pays for what is needed in their network and not for features that they will never use.

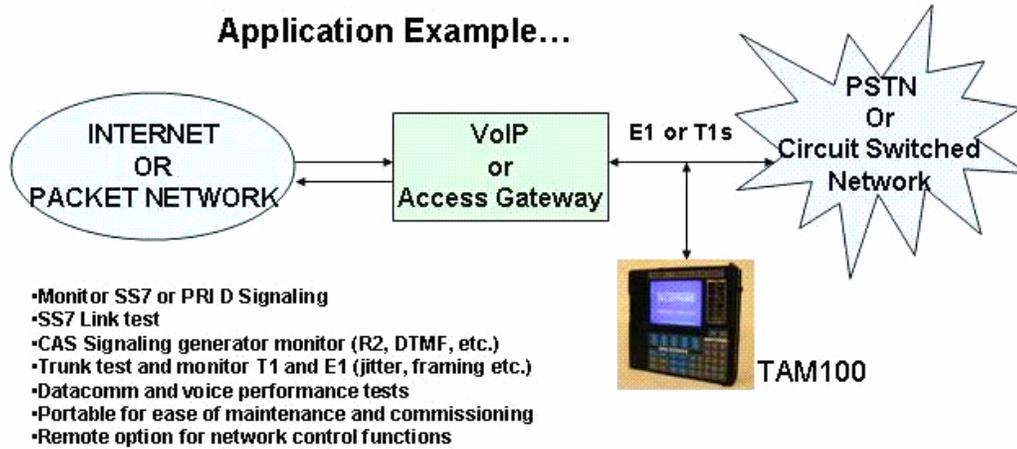
Whether your service is **T1, E1, SS7, ISDN** or in band Channel Associated Signaling such as **R1, R2, DTMF or MF**, the TAM100/TSR is the right solution to quickly get you in service and keep you there.



FEATURES:

- ◆ Series units support T1, E1 or both with DS0s
- ◆ Single or Dual T1/E1 transmitters and receivers
- ◆ BERT, fractional BERT, G.826 and M.2100
- ◆ PC interface for monitoring and logging function
- ◆ Wide range of signaling monitoring functions supporting SS7/C7, ISDN, CAS – R1, R2, MF/DTMF etc.
- ◆ ISDN and GSM protocols
- ◆ ISDN PRI D monitoring
- ◆ ISDN emulation
- ◆ GSM and PCS-1900 testing
- ◆ SS7 monitoring (ISUP and TCAP)
- ◆ Portable, lightweight and handheld
- ◆ High brightness and contrast LCD screen
- ◆ Long lasting Lithium Ion battery
- ◆ Propagation delay and Pulse shape analysis
- ◆ Remote control capable from a terminal
- ◆ Datacomm for RS232, RS449, RS530, V.35 and X.21
- ◆ Serial Printer port
- ◆ Field upgradeable software option

Application Example...



Base Units: →	TAM100T1E1	TAM100T1D	TAM100E1D	TAM100T1E1D
Options: ↓				
TAM100-SS7	NO	v	v	v
TAM100-ISDN	NO	v	v	v
TAM100-SIG2	Note 1	v	v	v
TAM100-R2FB	NO	v	v	v
TAM100-WIN	v	v	v	v
TAM100-UA	v	v	v	v
TAM100-FRAC	v	v	v	v
TAM100-PRODLY	v	v	v	v
TAM100-DCOMM	v	v	v	v
TAM100-STDPACK	v	v	v	v

v = Base Unit may be ordered with Option

Note 1 – Replaced with SIG1 Option – CAS DTMF/MF monitor – no emulation

Options Description:

TAM100-SS7	SS7 monitor (Layer 1-4)
TAM100-ISDN	PRI D Ch. Monitor, ISDN emulation
TAM100-SIG2	CAS signaling (DTMF/MF)
TAM100-R2FB	R2 signaling Forward/Backward option (requires SIG2)
TAM100-WIN	PC win95/98/2K application for remote control and monitor of TAM100
TAM100-UA	Voice monitor (μ /A law) and insert functions
TAM100-FRAC	Drop/Insert nX64KB/s
TAM100-PRODLY	Measures round trip circuit path delay
TAM100-DCOMM	Data channel monitor/insert functions
TAM100-STDPACK	Accessories (case, printer, paper, cables, etc.)

Basic Unit Description:

TAM100T1E1	Single T1 or E1 port tester
TAM100T1D	Dual T1 port tester
TAM100E1D	Dual E1 port tester
TAM100T1E1D	Dual T1 or E1 port tester