



MATRIX SETU VTEP vs ADTRAN TOTAL ACCESS 904

Description	MATRIX	ADTRAN
Model	SETU VTEP	Total Access 904
Product Photograph		
Configuration		
VoIP Parameters		
VoIP Channels	32	30
Protocols	SIP v2	SIP and MGCP
Ethernet Ports	1 x WAN	1 x LAN and 1 x WAN
ISDN PRI Parameters		
PRI Port	1, Programmable TE/NT Port	1
Software Selectable T1/E1 PRI Port	Yes	No, only T1 is supported
Programmable TE/NT	Yes	Yes
DDI and Reverse DDI Routing	Yes	No
Analog Port parameters		
FXS Port	Dedicated VoIP-PRI Gateway. Hence, no FXS connectivity	4
Network Clock Synchronisation	Dedicated SYNC-IN and SYNC-OUT Port to Acquire Stable Network Clock No interoperability issues when SETU VTEP and ISDN PBX operate on different clock Source	No Such Provision
Voice		
Codecs	G.711 A / μ law, G.723.1, iLBC 20/30 ms ,GSM FR and GSM EFR	G.711 and G.729a only
Voice Quality	Dynamic Jitter Buffer (Dynamic) , Full Duplex Audio, Echo Cancellation (G.168 with 32/64/128 ms Tail Length) ,Voice Activity Detection (VAD) with Silence Suppression , Forward Error Correction , Comfort Noise Generation (CNG)	Dynamic Jitter Buffer ,Echo Cancellation with G.168m with upto 64 ms Tail Leangth Voice activity Detection (VAD) with Silence Suppression
Vocoder Preference	Arrange channel wise Codecs as per preferred order which also aids in effective bandwidth utilization	No such Provision
Networking		
DHCP client	Yes	Yes
PPPoE client	Yes	Yes
VLAN Tagging	Yes	Yes
NAT and STUN Support	Yes	Yes
Call Handling		
Access Codes	Yes, Programmable	No
Automatic Number Translation	Yes	No
Black Listed Callers	Yes	Yes
CLI and CLIR	Yes	Yes
Peer-to-Peer Calling	Peer-to-Peer Table with 500 Entries facilitates to dial abbreviated codes instead of IP address	No such Provision
SIP Sccounts	32	Not Known
Supplementary Services	Yes	Yes
Configuration and Management		
Web-Based Remote Configuration	Yes	Yes
Syslog Client	Yes	Yes
Fax Support		
Fax over IP (FoIP)	T.38 and Pass-Through	T.38
QoS		
DiffServ, ToS	Yes	Yes
Physical		
Input Power	5 V DC @ 2A	120 V AC @ 60 Hz and Optional Battery Backup
Mounting	Table-top, Wall and 19" Rack Mountable	Table-top, Wall and Rack Mountable