MATRIX SETU VFXTH vs Patton Smartnode 4900 Series

Description	MATRIX	Patton
	SETU VFXTH	SmartNode 4900
Product Photograph		
Configuration		
VoIP Parameter		
VoIP Channels	Up to 32	Up to 32
Protocols	SIP, DHCP, TFTP, SNTP, STUN	SIP, H.323, DHCP, TFTP, SNMP, STUN
VoIP Port Connector	RJ45	RJ45
Simultaneous Calls	Up to 32	Up to 32
Analog Port Parameters		
FXO Port	Up to 32 Ports	Up to 32 Ports
FXS Port	Up to 32 Ports	No
FXS/FXO Connector	RJ11	50-pin or 64-pin RJ21X TELCO
Voice		
Codecs	G.711 a/u, G.729ab, G.723, GSM-FR, iLBC 20/30 ms	G.711 a/u, G.729ab, G.723.1, G.726
Voice Quality	Dynamic Jitter Buffer, Full Duplex Audio, Echo Cancellation (G.168 with variable Tail Leangth), Voice Activity Detection (VAD) with silence suppresion, Forward Error Correction	G.168 Echo Cancellation
Vocoder Preference	Arrange Channel wise codecs as per preferred order for effective bandwidth utilization	No such Provision
Stand Alone Survivability	Allow analog extensions to communicate with each other in IP network outage condition	No such provision
Networking		
DHCP Client	Yes	Yes
VLAN Tagging	Yes	Yes
NAT and STUN	Yes	No
Call Handling		
Access Codes	Yes	No
Allowed and Denied List	Yes	Yes
Automatic Number Translation	Yes	No
Call Transfer	Yes	Yes
Call Detail Record	Upto 2000 Records	No
Call Progress Tones/Rings	Yes	Yes
Conference	3-Party	No
Call Back	Yes	No
Digest Authentication	Yes	No
Do-Not-Disturb	Yes	No
Incoming Call Routing	Yes	Yes
Hotline	Yes	No
Peer-to-Peer Caling	Peer-to-Peer Table with 500 Entries facilitates to dial abbreviated codes instead of entire IP address	No such provision
Configuration and Management		
Web-based Remote Configuration	Yes	Yes
Syslog Client	Yes	No (built-in dignostic tools-trace for debug)
Fax Support		
Fax Over IP (FoIP)	T.38 and Pass-Through	T.38
QoS		
Diffserv and ToS	Yes	Yes
Physical		
Power	24 VDC, 2.5A	36-72 VDC, 2.5A
Mounting	Rack, Table-top, Wall Mount	Rack, Table-top, Wall Mount
Indicators	Channel Status & Activity LEDs	Power, VoIP, Ethernet and Call load
Overvoltage and Surge protection	Yes	Yes