

DEFENSE

Aqeri

97100

1U VoIP Gateway

Aqeri 97100 rugged VoIP Gateway-Router supports eight FXS telephone connections. Combine Voice over IP with advanced Quality of Service (QoS) and full Internet access and security features to provide best in class service and voice quality. This integrated access router and VoIP Gateway benefits both service providers and enterprise network administrators with a lower cost of ownership. The unit is built into a fully sealed aluminum chassis.

Features:

- > Integrated access router and VoIP Gateway
- > Supports eight FXS telephone connections
- > Based on Patton Smart Node 8 FXS



TECHNICAL SPECIFICATIONS

VoIP Board:	Patton Smartnode 4528
Voice Processing Voice code:	G.711 A-Law/ μ -Law (64kbps), - G.726 (ADPCM 40, 32, 24, 16 kbps)
Voice Signalling:	H.323v4, SIPv2
Management:	Web GUI, Industry standard CLI with local console (CRJ-45, RS-232) and remote Telnet access, SNMP v1 agent (MIB II and private MIB)
Quality of Services:	Traffic classification by ACL, IEEE 802.1p/Q, DownStreamQoS™, Priority, Weighted fair queuing (WFQ), Hierarchical traffic classes

For more technical details, see Patton web

I/O Interfaces:

FXO:	x8
100 Mbit Multimode:	x1
10/100 Mbit:	x1
Console:	x1

CONNECTORS

FXO:	RJ11
100 Mbit Multimode:	SC
10/100 Mbit:	RJ45
Console:	DSUB
DC In:	MS3106F 10SL-3S

PHYSICAL CHARACTERISTICS

Dimensions:	440 x 42 x 300mm (WxHxD)
Weight:	3 kg
Color:	Green, other optional

ELECTRICAL SPECIFICATIONS

Power requirements:	28VDC or PoE (18-36VDC, safe start Min 21VDC, Max 34VDC)
Power consumption:	15W at 28VDC (excluding heaters)

ENVIRONMENTAL CHARACTERISTICS

Designed to fulfill	
(Other standards on request):	MIL-STD-461E MIL-STD-810G European CE
Temperature Operating:	-20° C to +55° C
Vibration Operating	
(depending on configuration):	10-500Hz 1,04g rms
Shock Operating	
(depending on configuration):	15g, 11ms, ½ sine wave
Humidity:	5% to 95% non condensing
Altitude Operating:	3000m

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