

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**

<b>VoIP Board:</b>	Patton Smartnode 4528
<b>Voice Processing Voice code:</b>	G.711 A-Law/ $\mu$ -Law (64kbps), - G.726 (ADPCM 40, 32, 24, 16 kbps)
<b>Voice Signalling:</b>	H.323v4, SIPv2
<b>Management:</b>	Web GUI, Industry standard CLI with local console (CRJ-45, RS-232) and remote Telnet access, SNMP v1 agent (MIB II and private MIB)
<b>Quality of Services:</b>	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:**

<b>FXS:</b>	x8
<b>100 Mbit Multimode:</b>	x1
<b>10/100 Mbit:</b>	x1
<b>Console:</b>	x1

**CONNECTORS**

<b>FXS:</b>	RJ11
<b>100 Mbit Multimode:</b>	SC
<b>10/100 Mbit:</b>	RJ45
<b>Console:</b>	DSUB
<b>DC In:</b>	MS3106F 10SL-3S

**PHYSICAL CHARACTERISTICS**

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

**ELECTRICAL SPECIFICATIONS**

<b>Power requirements:</b>	28VDC or PoE (18-36VDC, safe start Min 21VDC, Max 33VDC)
<b>Power consumption:</b>	15W at 28VDC (excluding heaters)

**ENVIRONMENTAL CHARACTERISTICS**

<b>Designed to fulfill</b>	
<b>(Other standards on request):</b>	MIL-STD-461E MIL-STD-810G European CE Option
<b>TEMPEST SDIP-27 Level A, B, C:</b>	
<b>Temperature Operating:</b>	-20 °C to +55 °C
<b>Vibration Operating</b>	
<b>(depending on configuration):</b>	10-500Hz 1,04g rms
<b>Shock Operating</b>	
<b>(depending on configuration):</b>	15g, 11ms, ½ sine wave
<b>Humidity:</b>	5% to 95% non condensing
<b>Altitude Operating:</b>	3000m

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