

MAT-01

ANALOGUE TO VOIP CONVERTOR

DS-310 Issue 01



Thank you for your interest in Zitel - we are a UK based manufacturer of PAGA and Intercom products. Our systems are mainly designed for use in the Marine, Hazardous Oil, Gas and Petrochemical industries.

The lengthy cable runs associated with a large industrial site preclude the use of IP enabled telephone handsets and in such instances analogue technology provides the solution. MAT-01 enables the use of conventional analogue telephone outstations with VOIP telephone switching systems. The unit is equipped with RJ45 and RJ11 FXS connectivity ensuring rapid trouble free deployment.

Please do not hesitate to contact us for further information on our products.

POTS TELEPHONE TO IP INTERFACE

Fully integrated plug in/out – Simple installation

Web interface – Friendly configuration

The Zitel MAT -01 is an analogue telephone adaptor which enables connection of a POTS 2-wire subscriber line to an IP network. The module provides one Ethernet port (RJ45) and one FXS (RJ11) analogue telephone port. The unit incorporates LED indications to show 'at a glance' system status. A full suite of IP features (DHCP) are available to maximize universal connectivity. VLAN tagging and prioritization enables voice traffic over data traffic ensuring higher quality voice calls. The use of a friendly web interface offers two levels of configuration:-

- i. Basic subscriber specific parameters Advanced settings for the transport network.
- ii. Configuration and firmware can be downloaded from a centralized TFTP or HTTP server

MAT-01 is SIP compliant allowing deployment into any multimedia, interactive or software switch network with leading call and session signalling protocols.

The unit is supplied with a separate AC to DC power supply convertor block enabling energization from a range of AC supply inputs. DC supply operation where no break autonomy is required is an option available upon request.



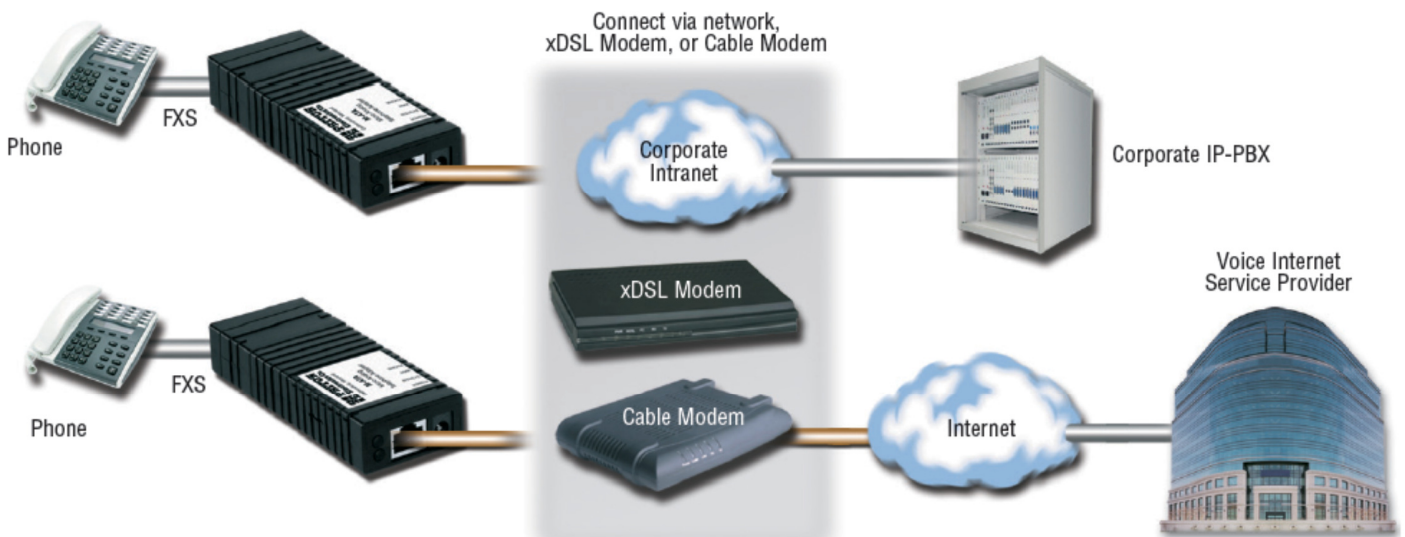
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Technical specification

Voice connectivity	2-wire loop start
Short haul loop	1.1km
Analog Connection	RJ11/RJ12
IP connectivity	1 x 10/100 Base –TX Full
Connection	Duplex/Autosensing Ethernet RJ45
IP services	DHCP client, PPPoE, Programmable static routes, ICMP re direct (RFC 792) VLAN support 802.1 p/q
Management	Browser interface for configuration Multi-level security access TFTP and HTTP configuration SNMP V 2 agent
Temperature range	0°C to +50°C ambient (do not locate in direct sunlight)
Operating humidity	Up to 90% non-condensing
Weight	0.25kg
Dimensions	100mm x 50mm x 200mm
Location	Internal safe area
Power supply	100V _{AC} to 240V _{AC} , 50/60Hz
Consumption	4 Watts
EMC compliance	EN55022, 55024 CE marked
Safety compliance	EN50950, FCC Part 15 Class B



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