

Atrie WireSpan 701

TDMoIP gateway

CE



Features

- IP or Ethernet (without IP header) networks support
- Proprietary Synchronization Recovery protocol used for traffic best utilization
- Single HDB3 E1 interface with framed G.704 and unframed G.703 modes support
- Nx64 Kbit/s transmission rate selectable for E1 interface
- Internal diagnostic and self-testing functions
- Designed for Point-to-Point applications
- 10/100BaseT network interface
- Local management via VT-100
- Remote management via Telnet
- Local and remote firmware upgrade

Application



Point to Point application

Specifications

E1 interface

Standards	ITU-T G.703, G.704
Modes	Unframed, Full or fractional framed
Line code	HDB3
Line impedance	Balanced 120Ω
Jitter performance	ITU-T G.823
Framing	Unframed, Framed, Framed+CRC4
Data rate	2.048 Mbps for unframed mode, Nx64Kbps up to 1984Kbps for framed mode
Connector	RJ-45

Ethernet interface

Standard Interface	IEEE 802.3 Ethernet 10/100Base-T half/full duplex interface with auto-negotiation
Connector	RJ-45 with LED
QoS Support	Processing TOS fields

TDM/IP/Ethernet Engine

Standard	ITU-T G.711
Synchronization	Loop back, Recovered
Clock recovery accuracy	within ± 1 ppm
Network transport protocols	UDP(for or IP networks)
Transport packet size	Configurable
PDV compensation	Adjustable buffering, up to 300 ms

Management

Interfaces	Telnet , RS-232 VT-100
Connector RS-232	DB-9, female
Firmware update	TFTP, Xmodem via console

Physical Dimensions

Size	240mm(W)x54mm(H)x164mm(D)
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Power / Environment

Power	110V / 220V \pm 10% AC 50/60Hz \pm 3Hz
Consumption	Less than 10 Watts
Operating Temperature	From 0°C to 50°C
Humidity	Up to 95%, non-condensing



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