digium data sheet

Wildcard TE110P

High-performance and Cost-effective T1 and E1

The Wildcard TE110P brings a high-performance, cost-effective, and flexible single span togglable T1/PRI or E1/PRI interface to the Digium line-up of telephony interface devices. The TE110P is a compact and powerful interface supporting voice and data transmission over T1, E1, and Primary Rate ISDN (PRI) connections.

The TE110P supports industry-standard telephony and data protocols, including Robbed Bit Signaling (RBS), GR-303, and PRI protocols including NFAS (Non-Facility Association Signaling) for voice and Cisco HDLC, PPP and Frame Relay for data transmission. A low profile, half-length PCI form factor allows this device to fit within a 2U rackmount case or equivalent chassis, offer excellent density for call center, service provider, and other space-sensitive applications.

Of course, the TE110P is fully supported by Digium's open source Asterisk PBX software. Used in conjunction with Asterisk, the TE110P offers the power to create a seamless network, interconnecting traditional telephony systems with the emerging Voice-over IP technologies. The TE110P can be used to deliver a wide range of PBX and IVR services to the network or handset including Voicemail, Call Conferencing, Three-Way Calling, and VoIP Gateways.

Target Applications

Packet Voice Gateways and Switches
Calling Card Services
One Number Services
Message Services
Conferencing
Customized and Web Telephony
Voice/Data Integration
Futureproof PBX
ISDN Remote Access Servers

PRI Switch Capability

AT&T 4ESS
DMS 100
Lucent 5E
National ISDN 2
Euro ISDN
Network or CPE
NFAS

RBS Voice Modes

GR-303
A-Law, µ-Law, and Linear
  Modes Supported
E&M
E&M Wink
Feature Group D
Groundstart (FXO and FXS)
Loopstart (FXO and FXS) with
  Optional Disconnect Supervision

Data Modes

SyncPPP (both Fixed and Dialup)
Frame Relay
Cisco HDLC

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About Digium

Based in high-tech Huntsville, Alabama, Digium is the creator and primary developer of Asterisk, the industry's first Open Source PBX. Used in combination with Digium's PCI telephony interface cards, Asterisk offers a strategic, highly cost-effective approach to voice and data transport over TDM, switched, IP, and Ethernet architectures.

Digium solutions reduce the costs of traditional TDM and VoIP implementations through open source, standards-based software and innovative hardware solutions, including legacy PBX, IVR, Auto-attendant, and next-generation gateways, media servers, and application servers. Digium hardware supports traditional voice protocols, including PRI, RBS, FXS, FXO, E&M, Feature Group D, Groundstart, and Loopstart. Data protocols include PPP, Cisco HDLC, and Frame Relay. For packet voice, Asterisk supports IAX (Inter-Asterisk eXchange), SIP, MGCP, Skinny, and H.323 VoIP protocols.

Digium provides a highly refined selection of quality hardware and software products, developed and implemented using innovative engineering techniques (primarily open source development). A full range of professional services complement these product lines, including consulting, technical support, and custom software development services.

The open source communications revolution is here, and Digium is leading the way.