Odin TeleSystems Inc.

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Balder-2s PCMCIA

Odin TeleSystems' Balder-2S-PCMCIA is an Integrated Services Digital Network (ISDN) interface card for laptops and handheld PCs providing two Basic Rate S/T-Interfaces.

The Balder-2S-PCMCIA adapter is software configurable for either Terminal (TE) or Exchange (NT) mode, making it ideal for mobile testing, surveillance, and network access applications.

Balder-2S-PCMCIA Dual ISDN BRI S/T-Interface Adapter

Feature Highlights

- 2 ISDN Basic Rate S/T-interfaces.

- Three operation modes: Terminal (TE), Exchange (NT), and Monitor. Full simulation.

- (terminal or exchange) of 2 accesses

and monitoring of 1 access.

- PCMCIA card (type II).

- Two on-board Digital Signal Processors (DSPs) with 80 MIPS processing power each.

Software Support

Balder-2S-PCMCIA is delivered with the OTX driver, the OTX and DSP Software Development Kits (SDKs), as well as a variety of Host and DSP demo applications.	The OTX driver is available for Windows 98, Windows NT, Windows 2000, Windows XP, and Linux operating systems. Customized DSP Applications can be developed using ANSI C and C++ language and standard third-party development tools.

Technical Specifications

Board	• PCMCIA Type II card
Host Bus Interface	• PCMCIA electrical interface • IO Mapped
Network Interfaces	• 2 ISDN Basic Rate S/T-Interfaces (ANSI T1.408, ITU-T I.430)
Line Termination	• 100 Ohm or high impedance (Software switchable)
HDLC Resources	• Support for D-channel HDLC with the ISDN transceivers • Support for B-channel HDLC with DSPs
DSP	• 2 x TI TMS320C548. • 80 MIPS processing power each
DSP Programming Interface	• SW development in ANSI C and C++ • Open interface with standard 3rd party tools
DSP Applications	• DTMF generation and detection • MF generation and detection • FSK detection • Speech compression • Speech encoding and decoding

Ordering Information

Product Name/Product Category	Balder-2S-PCMCIA/HAA-1029-1-1.0	

Contact Information

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