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Data Sheet

August 2, 2026

IXI

IXI Technology / Sabtech Industries Eagle II NTDS Parallel I/O Interface

IXI Technology / Sabtech Industries Eagle II NTDS Parallel I/O Interface The Eagle II provides a 32-bit full-duplex MIL-STD-1397C NTDS parallel I/O interface board that connects Type B, C, or H NTDS channels to a PC ISA (or EISA) bus for naval and defense test, emulation, training, and simulation applications. NTDS parallel channel test and emulation; active tap and auto transfer relay of NTDS words; laboratory and shipboard PC-based NTDS I/O; TAC-3/4 and other EISA/ISA host systems; DMA, polled, or interrupt-driven data paths for MIL-STD-1397C Type B/C/H interfaces. Manufacturer: Sabtech Industries; Ixi Technology Instrument Type: NTDS Parallel I/O Interface Board Bus: PC ISA (also usable on EISA systems such as TAC-3/4) FIFO: 4 Kbyte per direction (1000 × 32-bit words)

No photo

MODEL

IXI Technology

CALIBRATION

**N/A — off-catalog
OEM datasheet**

CONDITION

**See OEM
documentation**

STATUS

**Not listed on
Aumictech
inventory**

RFQ / SKU

Technology

LISTING

**Off-catalog — OEM dat
asheet only**

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

Features & description

From manufacturer datasheet

Features

- Single ISA-slot NTDS parallel I/O board (EAGLE Series)
- 32-bit full-duplex NTDS interface
- Independent input and output paths with 4 Kbyte FIFO each (1000 × 32-bit words per direction)
- Supports NTDS Types B, C, and H
- Differential NTDS receivers for improved noise immunity
- Autotransfer: automatic echo of NTDS input words to NTDS output (active tap)
- DMA, polled, or interrupt operating modes
- Short-circuit-protected NTDS drivers
- Software-selectable configuration (except base address and NTDS voltage)
- MS-DOS and Windows NT device drivers; diagnostic software and examples
- Uniform programming interface across EAGLE family

TECHNOLOGY Characteristics / Specifications

PARAMETER	VALUE
Model	Eagle II (EAGLE-II)
Manufacturer	Sabtech Industries; IXI Technology
Instrument Type	NTDS Parallel I/O Interface Board
Bus	PC ISA (also usable on EISA systems such as TAC-3/4)
Data Path	32-bit full-duplex
FIFO	4 Kbyte per direction (1000 × 32-bit words)
NTDS Types	B, C, H (MIL-STD-1397C)
Receivers	Differential NTDS
Operating Modes	DMA, polled, interrupt
Autotransfer	automatic echo of NTDS input words to NTDS output (active tap)
Representative Part Number	NT2632FS-NCS (configuration-dependent)
Alias	Eagle II, EAGLE-II Standard Operating Conditions Set ISA base address and NTDS voltage per host and channel requirements before installation. Observe short-circuit-protected driver limits and correct cable orientation. Use Sabtech/IXI drivers matching the host OS (MS-DOS or Windows NT class) for DMA and interrupt modes.
Eagle II is an ISA/EISA NTDS board	not a later PCI/PCIe NTDS product unless the inventory label states otherwise. Confirm NTDS type (B/C/H) and voltage option on the board before connecting to shipboard equipment. Alias EagleII.

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications

Specifications

PARAMETER	VALUE
Model	Eagle II (EAGLE-II)
Manufacturer	Sabtech Industries; IXI Technology
Instrument Type	NTDS Parallel I/O Interface Board
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Receivers	Differential NTDS
Operating Modes	DMA, polled, interrupt
Autotransfer	Supported
Representative Part Number	NT2632FS-NCS (configuration-dependent)
Alias	Eagle II, EAGLE-II

Standard Operating Conditions

Set ISA base address and NTDS voltage per host and channel requirements before installation. Observe short-circuit-protected driver limits and correct cable orientation. Use Sabtech/IXI drivers matching the host OS (MS-DOS or Windows NT class) for DMA and interrupt modes.

Operational Notes

Eagle II is an ISA/EISA NTDS board—not a later PCI/PCIe NTDS product unless the inventory label states otherwise. Confirm NTDS type (B/C/H) and voltage option on the board before connecting to shipboard equipment. Alias EagleII.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: N/A — off-catalog OEM datasheet. See OEM documentation · Not listed on Aumictech inventory.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

788 S 500 E, Pleasant Grove, UT 84062
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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.