

**Aumictech**

Test & measurement • bought, sold, repaired, calibrated

Data Sheet

August 2, 2026

ASTRONICS / C&H TECHNOLOGIES

Astronics / C&H Technologies VX403C VXI Industry Pack Carrier Module

Astronics / C&H Technologies VX403C VXI Industry Pack Carrier Module The Astronics / C&H Technologies VX403C is a single-slot register-based C-size VXIbus carrier for IndustryPack (IP) mezzanine modules. It provides electrical and mechanical support for four single-high or two double-high IndustryPacks. Each IP appears as a separate VXI instrument (independent logical address). The carrier maps ID PROM, I/O space, and optional IP memory into VXI A16/A24/A32 space and supports D16 and D8 (even/odd) data access. It is intended for combining A/D, D/A, serial, relay, digital I/O, servo, synchro, and similar functions in one VXI slot. The Astronics / C&H Technologies VX403C is a single-slot register-based C-size VXIbus carrier for IndustryPack (IP) mezzanine modules. It provides electrical and mechanical support for four single-high or two double-high IndustryPacks. Each IP appears as a separate VXI instrument (independent logical address). The carrier maps ID PROM, I/O space, and optional IP memory into VXI A16/A24/A32 space and supports D16 and D8 (even/odd) data access. It is intended for combining A/D, D/A, serial, relay, digital I/O, servo, synchro, and similar functions in one VXI slot. VXI test-system glue logic; custom UUT interfaces via IndustryPacks; packing multiple I/O functions into one C-size slot; register-based VXI instrumentation.



MODEL

**Astronics /
C&H
Technologies
VX403C**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

VX403C

LISTING

<https://aumictechlabs.com/products/vx403c-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Astronics / C&H Technologies VX403C is a VXI Industry Pack Carrier Module that integrates up to four single-height IP modules - or two double-height modules - into a single VXI slot. Each installed IP module appears as an independent VXI instrument with its own logical address, mechanical interface, and control path. The carrier provides 50-pin header interfaces accessible from the front panel, enabling direct electrical and data connectivity to Units Under Test through a library of over 200 available IP modules. Technical Specifications VXIbus Compliance: ANSI/IEEE Std 1014-1987, VXIbus Revision 1.4; operates as 16/24/32:D16 DTB Slave Form Factor: Size C carrier; dimensions 233.35 mm (9.187 in) high × 160 mm (6.299 in) deep for 20.32 mm (0.8 in) slot spacing IP Module Capacity: Up to four single-height or two double-height Industry Pack modules per carrier IP Interface: Standard 50-pin IDC socket headers on each module slot Power Supply Requirements: +5V (1.2 A typical) and +12V from VXI backplane; isolated and filtered supplies provided to IP modules Trigger Interface: VXI TTL trigger lines (up to eight) configurable via jumpers to any combination of resident IP strobe inputs Interrupt Handling: Each IP module supports two independently programmable interrupts; individual interrupt vectors and release capability (RORA/ROAK) per module Key Features Individual logical addressing for each installed IP module enables independent control and monitoring Flexible trigger routing allows single-line synchronization across all IPs or independent clocking of individual modules Modular design supports custom UUT interfaces through selection and combination of industry-standard IP modules Isolated power distribution protects IP modules from backplane noise Typical Applications Multi-channel test systems requiring diverse signal interfaces; automated test equipment leveraging IP module specialization; VXI-based measurement and stimulus

configurations. Compatibility & Integration Fully compliant with VXIbus Specification Revision 1.4 for register-based modules and VMEbus Specification ANSI/IEEE STD 1014-1987, IEC 821.

Features & description

From manufacturer datasheet

Features

- Carrier for up to four single-high IndustryPack modules (or two double-high)
- Each IP is a separate VXI logical address / instrument
- Register-based VXI interface
- A16, A24, and A32 addressing; D16 and D8 (even/odd) data
- Access to IP ID PROM, I/O space, and memory (when present)
- Ideal for mixed A/D, D/A, serial, digital I/O, and specialty IPs
- Related: VX403B (B-size family counterpart)

VX403C Characteristics / Specifications

PARAMETER	VALUE
Model	VX403C
Manufacturer	Astronics / C&H Technologies
Instrument Type	VXI IndustryPack carrier
Form Factor	C-size, single-slot, register-based VXI
IP Capacity	4 single-high or 2 double-high IndustryPacks
VXI Access	A16/A24/A32; D16 and D8(even/odd)
ID PROM / I/O	mapped via VXI configuration and offset registers
Logical Addressing	switch-selected base; IPs occupy consecutive LA range (family manual)
Part Number Class	11027040 (VX403C; confirm faceplate revision) Standard Operating Conditions Install in a C-size VXI mainframe. Enable IP slots and set logical addresses per the VX403B/C manual. Observe IP power and cooling budgets in addition to carrier draw. Use VXI register programming or vendor Soft Front Panel / drivers appropriate to the carrier revision.
Related	VX403B (B-size family counterpart)

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	VX403C
Manufacturer	Astronics / C&H Technologies
Instrument Type	VXI IndustryPack carrier
Form Factor	C-size, single-slot, register-based VXI
IP Capacity	4 single-high or 2 double-high IndustryPacks
VXI Access	A16/A24/A32; D16 and D8(even/odd)
ID PROM / I/O	mapped via VXI configuration and offset registers
Logical Addressing	switch-selected base; IPs occupy consecutive LA range (family manual)
Part Number Class	11027040 (VX403C; confirm faceplate revision)

Standard Operating Conditions

Install inaC-size VXI mainframe. Enable IP slots and set logical addresses per the VX403B/C manual. Observe IP power and cooling budgets in addition to carrier draw. Use VXI register programming or vendor Soft Front Panel / drivers appropriate to the carrier revision.

Operational Notes

Confirm VX403C vs VX403B form factor and faceplate P/N. IndustryPack module functions and ratings are defined by the installed IPs, not by the carrier alone.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

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

Aumictech

788 S 500 E, Pleasant Grove, UT 84062
sales@aumictech.com · +1 (484) 841-9341
<https://aumictechlabs.com>

NIST-traceable calibration · SAM registered ·
30-day returns
NAICS 423690 · 811210 · 541380
Generated August 2, 2026

Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.