

**Aumictech**

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Data Sheet

August 15, 2026

DATA I/O

Data I/O UniSite-xpi Programming System

The Data I/O UniSite-xpi is a programming system designed for high-volume manufacturing environments. It supports a wide range of devices, including microcontrollers, memory devices, and programmable logic devices. It offers high-speed programming and reliable performance, making it suitable for demanding production requirements.



MODEL	CALIBRATION
Data I/O UniSite-xpi	Available on request
CONDITION	STATUS
Used	In stock
RFQ / SKU	LISTING
UniSite-xpi	https://aumictechlabs.com/products/unisite-xpi-2/

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Data I/O UniSite-xpi is a device programmer engineered for high-volume manufacturing and regulated production environments. It programs virtually every device architecture - microcontrollers, memory, CPLDs, FPGAs, anti-fuse devices, and legacy bi-polar/ECL components - with Universal Pin Driver Technology delivering precise signal application to any pin without external adapters. TaskLink™ for Windows software provides job control, device statistics, security audit trails, and process documentation for compliance-critical operations. Technical Specifications Device Support Microcontrollers, CPLDs, and FPGAs High-capacity flash and memory devices Anti-fuse architectures Legacy device families (bi-polar, ECL) Package Coverage Standard 48 DIP packages Optional PinSite™ module extends support to PLCC, LCC, SOIC, TSOP, TQFP, SSOP, PGA, QFP, BGA, and µBGA Pin Driver Technology Universal Pin Driver design applies power, signal, or ground to any pin with high precision Laser-trimmed internal resistor for

automatic calibration at power-up Programming Algorithms Specifications matched to device manufacturer data Validated on current device samples Continuously updated library available from Data I/O File Format Support Over 48 programming formats supported Manufacturer data formats, custom, and engineering formats Storage & Interface Mass Storage Module (MSM) standard - boots and operates without floppy disks High-speed parallel interface and parallel port on XPi models RS-232C port for serial communication Electrical Specifications Operating voltage: 100–240 VAC $\pm$ 10% Frequency: 48–63 Hz Power consumption: 500 VA max. Operating humidity: Up to 80% non-condensing Operational altitude: 15,000 feet

UNISITEXPI Characteristics / Specifications

PARAMETER	VALUE
Model	UniSite-xpi
Instrument Type	Universal device programmer
Family	Data I/O UniSite / UniSite-xpi
Dip Socket	48-pin DIP standard
Smt Support	PinSite module for PLCC, LCC, SOIC, TSOP, TQFP, SSOP, PGA, QFP, BGA, micro-BGA
Pin Drivers	power, signal or ground on any pin; no routing adapters or level shifters required
Calibration	high-precision laser-trimmed resistor internal references at system power-up
Operating Voltage	100 to 240 VAC plus or minus 10 percent
Line Frequency	48 to 63 Hz
Power Consumption	500 VAC max plus or minus 10 percent
Humidity	to 80 percent non-condensing
Operational Altitude	15000 ft (5000 m)
Size	8.11 × 17.12 × 14.25 in (18.06 × 43.48 × 36.20 cm)
Weight	20 lb (9 kg)
Host Os	Microsoft Windows 95/98/ME/NT/2000
Host Disk	75 MB hard disk space
Host Ports	serial port and parallel port
Software	TaskLink for Windows CD and online help
Accessories Standard	power cord, serial cable, parallel cable, 48-pin DIP socket
Device Coverage	memory, microcontroller, CPLD/FPGA, anti-fuse and high-capacity memory
Manufacturer	Data I/O Corporation
Literature	Data I/O UniSite-xpi programming system datasheet L!5458 0601 class
System Role	universal device programmer

PARAMETER	VALUE
Related Modules	ChipSite, PinSite, SetSite, MatchBook adapters
Manual	UniSite-xpi User Manual 981-0014 series

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

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Notes

From Data I/O UniSite-xpi datasheet (100-240 VAC, 48-63 Hz, 500 VAC max, 8.11x17.12x14.25 in, 20 lb, 48-pin DIP). Device-support lists change with TaskLink updates; do not freezeapart-count.

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

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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.