

ARTISAN®
TECHNOLOGY GROUP

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so your equipment works exactly as you specify.

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Find the *Measurement Computing / IOtech Digital488* at our website: *Click HERE*

Digital488™ & Digital232™

40-Bit IEEE 488 or RS-232/Digital I/O Interface

Features

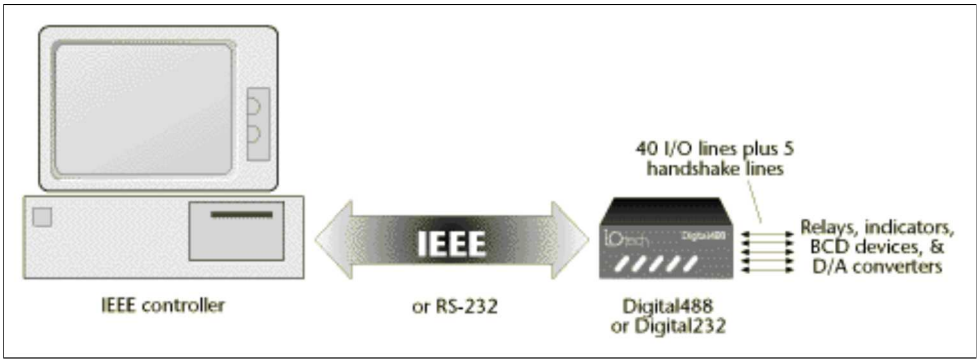
- **Add TTL level digital input & output capability to IEEE 488 or RS-232 based systems**
- **Offer 40 I/O lines, software programmable as inputs or outputs in 8-bit groups**
- **Convert I/O data to one of five selectable formats & send it to the controller**
- **Provide five additional I/O lines, including trigger output, service request input, data latch input, clear output, & inhibit output**
- **Front-panel indicators provide bus status information**
- **OEM board-level version available**



Digital488 provides an economical link between an IEEE controller and digital signals

The Digital488 and Digital232 add TTL-level digital input and output capability to IEEE 488 or RS-232 based systems. The units provide complete digital I/O handshaking, including data latch input, service request input, new-data output, clear output, and a trigger output.

Board-level OEM versions are available for use in enclosures with low voltage sources; optional power supplies are available. Call factory for further details and pricing.



Specifications

Digital I/O Interface

Digital I/O Capability: Forty I/O lines, programmable in groups of 8 as inputs or outputs; five additional lines for trigger, clear, data latch, service request, and inhibit
Logic Levels: Outputs will drive 2 TTL loads
I/O Port Connection: One 50-pin card edge

IEEE 488 Interface

Digital488
IEEE 488: SH1, AH1, T6, TE0, L4, LE0, SR1, PP0, RL0, DC1, DT1, C0, E1
Connector: Standard IEEE 488 connector with metric studs

Serial Interface

Digital232
All parameters are switch selectable
RS-232: EIA RS-232-C: AB, BA, BB, CA, CB
Data Bits: 7 or 8
Stop Bits: 1 or 2
Parity: Odd, even, mark, space, or none
Terminator: CR, LF, CR-LF, or LF-CR
Control: Supports Clear to Send (CTS)/ Request to Send (RTS) or XON/XOFF
Serial I/O Buffers: 7,000 characters
Serial Connector: Mates with a 25-pin Sub-D male; DCE configured

General

Indicators: Talk, Listen SRQ, Error, and Power
Power: 105 to 125 or 220 to 250 VAC; 50/60 Hz; 15 VA
Environment: 0° to 50°C; 0 to 70% RH non-condensing
Dimensions: 187 mm deep x 139 mm wide x 68 mm high (7.4" x 5.5" x 2.7")
Weight: 1.05 kg (2.32 lbs)
Controls: Power switch, IEEE address switch

Ordering Information

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

Description	Part No.
IEEE 488/digital I/O interface including mating digital I/O port connector	Digital488
RS232/digital I/O interface, including mating digital I/O port connector	Digital232
Board-level IEEE to digital I/O interface	Digital488/OEM
External power supply, 120 VAC to +5V	TR-5
External power supply, 240 VAC to +5V	TR-5E
I/O port cable with connector, 6 ft	CA-8-50
Shielded IEEE 488 cable, 6 ft	CA-7-3
PC to Digital232 serial cable, 6 ft	CA-11

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Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

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Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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