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Find the *Measurement Computing / IOtech Extender488/HS* at our website: *Click HERE*

Extender488/HS™

High-Speed IEEE 488 Bus Extender

The Extender488/HS allows distant devices to be controlled without compromising performance

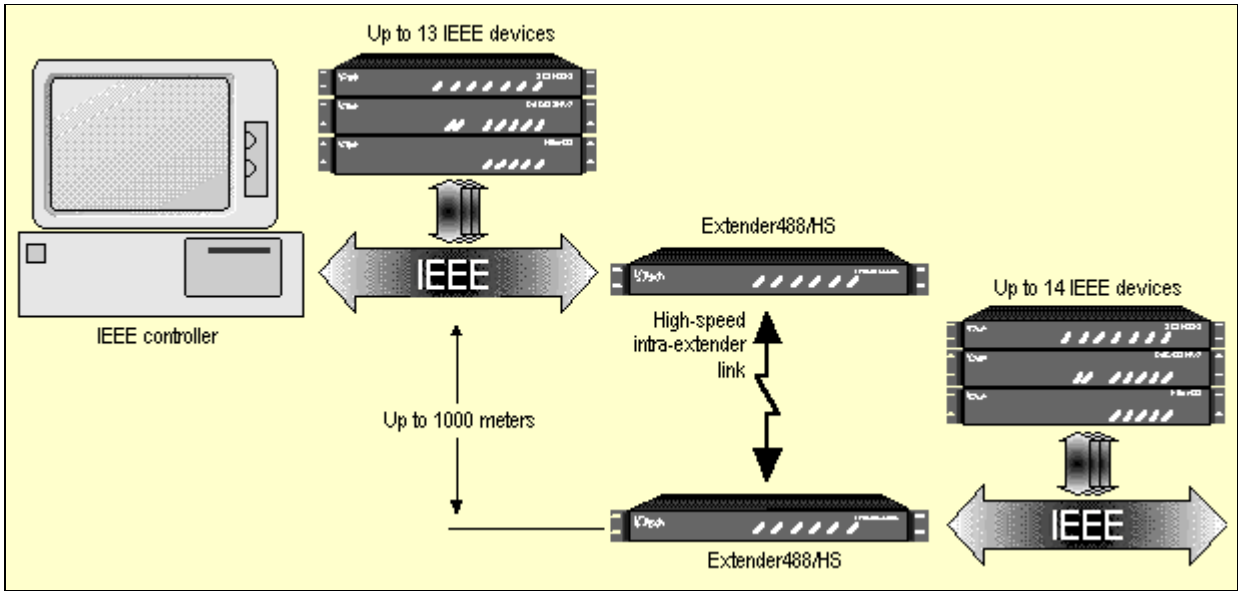


Features

- **Extends the length of the IEEE bus while maintaining data transfer rates as high as 840 Kbytes/s**
- **Allows the IEEE bus to be transparently extended beyond the 20 meter cable limitation to as far as 1,000 meters**
- **Expands the number of devices allowed on the bus from 15 to 28**
- **No program alterations are necessary; even Parallel Poll is virtually transparent**
- **Operates from the bench-top or any 19-inch rack with the included rack ears**

A pair of Extender488/HS devices provides a high-speed link between the controller and IEEE devices as far away as 1,000 meters. The unique architecture of the Extender488/HS allows transparent bus extension without sacrificing performance. Extender488/HS is completely transparent to the application program, requiring no program alterations.

Along with operating distant test equipment, the Extender488/HS is perfect for controlling remote IEEE printers and plotters. As many as 14 devices can be located on both the local and the remote bus, providing bus expansion along with bus extension.



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Specifications

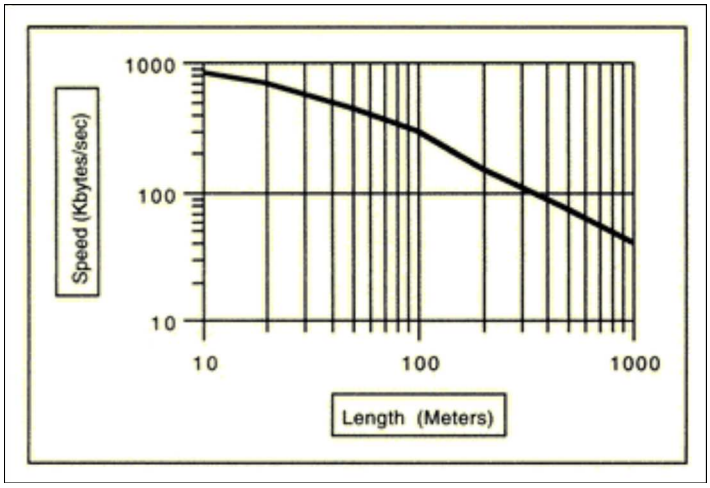
Intra-Extender488/HS Interface
Connector: 50 pin shielded, ribbon contact
Interface: 16 differential drivers and receivers (RS-422)
Cable: 50-conductor, twisted pair shielded cable with Centronics-style connectors; a mating connector is supplied with each cable for daisy-chaining multiple cables

General

IEEE 488 Connector: Standard IEEE 488 connector with metric studs *Speed vs. cable length*

Data Transfer Rate:

Meters	Feet	Speed
10	32.8	840 Kbytes/s
20	65.6	700 Kbytes/s
50	164.0	450 Kbytes/s
100	328.1	300 Kbytes/s
200	656.2	150 Kbytes/s
500	1,640.5	75 Kbytes/s
1,000	3,281.0	40 Kbytes/s



Indicators: LEDs for Power, Talk, Listen, Local, Remote and Connect
Power: 105 to 125 VAC, or 210 to 250 VAC, 50/60 Hz
Environment: 0° to 50°C; 0 to 95% RH non-condensing
Dimensions: 425 mm wide x 203 mm deep x 45 mm high (16.75" x 8" x 1.75")
Weight: .96 kg (2.11 lbs)
Controls: Power and Controller/Peripheral switches

Ordering Information

Description	Part No.
High speed IEEE 488 bus extender (two required)	Extender488/HS
Shielded extension cables, including mating connector	
10 meter	CA-56-10
30 meter	CA-56-30
Shielded IEEE 488 cable, 6 ft	CA-7-3

(Refer to Accessories for more information.)

Analyzer488", part 2 Catalog Contents Extender488"

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