Just as StarBus packets and transmits RS-232 data onto a twisted pair, StarBus for Ethernet converts serial & parallel data into Ethernet packets, and reconstructs it at one or more other SFE units anywhere on a new or existing Ethernet.
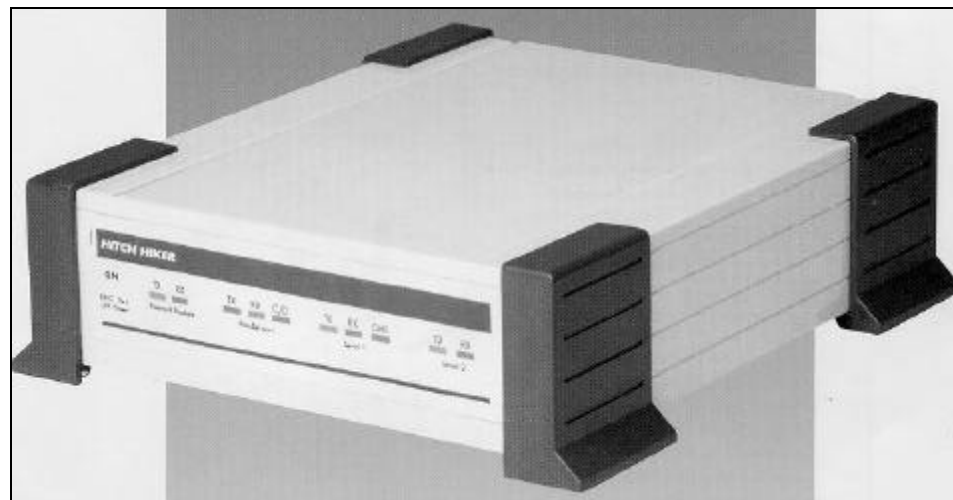
Each StarBus for Ethernet Busdriver has 2 serial ports, a parallel port, *and up to 8 TTL or analogue signals,* which are distributed without interference to existing computer communications. Your ethernet cable can now be used for all data – independent of the application or other existing equipment!

StarBus for Ethernet Busdrivers function just like regular StarBus Busdrivers . . .

- Install at any point along the cable
- Configure parameters from any port! Stored in non-volatile memory
- Move, replace or upgrade any port without disruption to the network
- Data is available anywhere — across campus or across the country
- Supports full duplex connections and automatically queues alarms
- Address data to one port or to all ports simultaneously
- Individual port passwords, error correction and data compression

SFE does much more. A watchdog system tracks network connections — and *reestablishes each one* after a network or power failure. SFE controls remote equipment (even switches it on and off). For Ethernet sites, SFE provides total system uniformity. Now you can manage connections between non-Ethernet equipment with the ease of Ethernet and simplicity of the original StarBus.

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508 485-6950 ● FAX: 508-481-9320
Engineering@StarBus.com ● http://www.starbus.com/~phil/

Serial Ports (9 pin)	Two full-duplex RS-232 ports with speed to 38.4 Kbps including all handshake signals: RTS/CTS/DTR and DCD (Carrier Detect)
Parallel Port (25 pin)	One parallel port, user set to in or out and any of 3 interface standards: Centronics, Data Products, or Data General.
Control I/O (optional)	Four isolated TTL inputs and four outputs for general I/O. A/D conversion is also available.
Network Interface	3 options: 10Base-T (UTP), -2 (BNC), or -5 (AUI). All are TCP -IP ! Stores IP routing. Transparent to bridges and routers.
Power	120 or 240 VAC (12 watts). No external powerpack required.
Indicators	Network port selected, Packet RX, Packet TX, Serial port TX, Serial port RX, and Parallel port compatibility mode.
Controls	Parameters in non-volatile memory. Push-button or application sequence to enter commands. Master reset by internal switch.
Physical	Metal 10 x 8½ x 3". 5 lbs. Tabletop, single or double rack mount.