

Infinity

InfiLink 200 Communications Unit

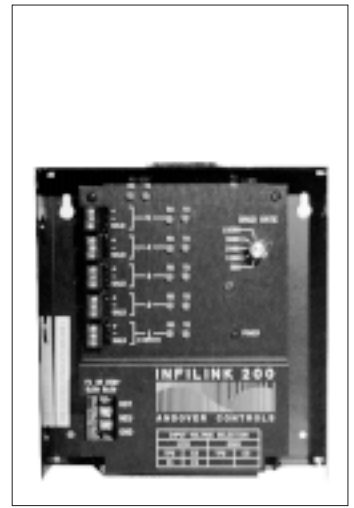
The InfiLink 200 is an electronic repeater and a 5-port active hub combined in one device. The InfiLink 200 amplifies and retransmits RS-485 signals so they can travel further distances on Andover's Infinet network.

The InfiLink 200 accepts twisted pair cabling at each of its five RS-485 ports. A single Infinet RS-485 input supplies up to four RS-485 output signals, or "spokes." Each spoke has the drive capability of up to 4,000 feet at 19.2K baud with up to 31 separate devices attached.

For conversion applications, when existing phone lines are in place, the same RS-485 input can become a single RS-232 output for use with third-party short haul modems. (The four RS-485 output ports are still available when using the RS-232 port.) Data transmission speeds for the InfiLink 200 are switch selectable from 300 to 19.2K baud.

The InfiLink 200 simplifies network troubleshooting by using LED indicators. These LEDs flash to indicate when the InfiLink is receiving and transmitting RS-232 and RS-485 signals.

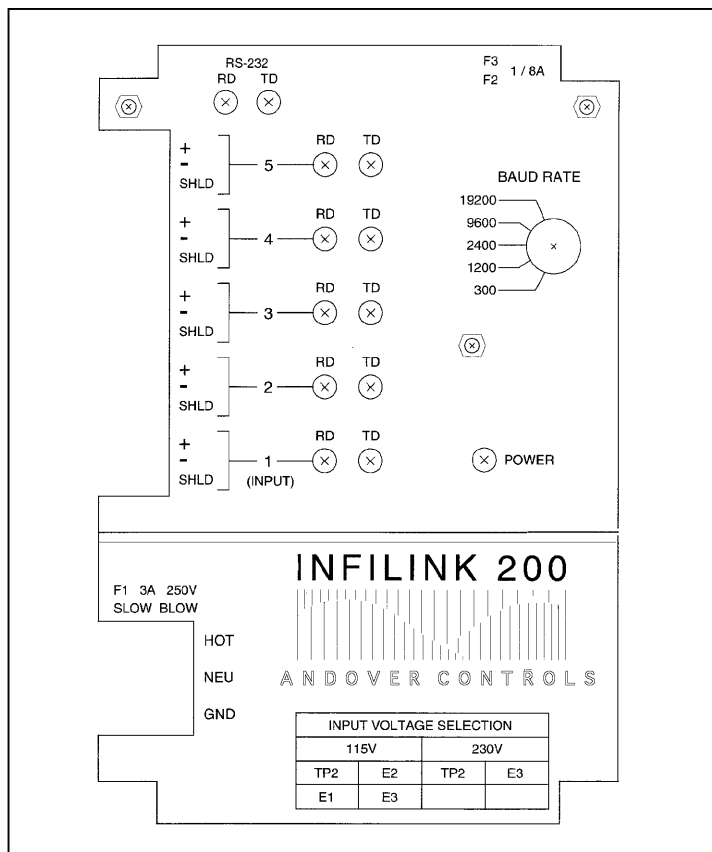
The InfiLink 200 is provided with a hinged, black aluminum enclosure. Installation is simplified by the use of detachable connectors for all input and output RS-485 ports.



FEATURES

- **Five-Port Active Hub For Twisted Pair Infinet Amplification**
- **Extends RS-485 Field Bus Communications Beyond The 31 Device/4,000 Feet Standard Limitation**
- **RS-485 To RS-232 Conversion for Short-Haul Modems**
- **Detachable RS-485 Connectors Provide Easy Installation**
- **Switch Selectable Baud Rates, from 300 to 19.2K Baud**
- **Input Power Jumper Selectable**
- **Full LED Indication For Easy Troubleshooting**

7.5"
190.50mm



8.0"
203.20mm

Depth: 2.75"
69.86mm

SPECIFICATIONS

ELECTRICAL

Power:	120/240 VAC, 50/60 Hz, jumper selectable
Power Consumption:	10 VA
Overload Protection:	Fused with 3 amp 3AG fuse. MOV protected.

MECHANICAL

Operating Environment:	32 to 120°F (0 to 49°C), 10 to 95% RH (non-condensing)
Size:	8 1/4" H x 7 1/2" W x 2 3/8" D (210 H x 190 W x 60 D)mm
Weight:	6 lbs. (2.7kg)
Enclosure Type:	NEMA 1-style metal enclosure, IP 20

COMMUNICATIONS

Communications Speed:	300 to 19.2k baud, switch-selectable
Propagation Delay:	RS-485 to RS-485 = .5 μ s max. (not including media) RS-232 to RS-485 = .5 μ s max. (not including media)
Bus Length:	Provides four separate Infinet RS-485 outputs, each capable of connecting 31 devices and/or 4000 feet.
Bus Media:	Infinet: twisted, shielded pair, approved, low capacitance cable.

Pin Assignments for RS-485 to RS-232 Signal Conversion:

Pin 1: Chassis Ground	Pin 7: Signal Ground
Pin 2: Transmit Data	Pin 9: 12V @ 25 mA unregulated
Pin 3: Receive Data	Pin 10: -12V @ 25 mA unregulated
Pin 4: Enabled	Pin 20: Enabled

CONNECTIONS

Power:	Three-position barrier strip
RS-485 Input:	Removable two-piece terminal strip
RS-485 Output:	Removable two-piece terminal strip
RS-232 Output:	Standard 25 pin female D connector

AGENCY LISTINGS	UL/CUL 916, 864-UUKL, FCC
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OPTIONS	<ul style="list-style-type: none">UL-864, UUKL Compliance
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Consult *Andover Product Installation Guides* for
exact installation instructions and specifications.

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