Honeywell

Q7752C U10 Network Interface

U10 USB Network Interface - TP/FT-10 Channel

FEATURES

- **Low-cost USB to LONWORKS (ANSI/CEA-709.1) network interface.**
- **Free topology twisted pair (TP/FT-10) LONWORKS channel support.**
- **High network throughput and performance.**
- **Rugged design, removable connectors.**
- **Plug-and-play drivers for Windows 2000, XP, and Server 2003.**
- **Compatible with LNS and OpenLDV™ based application.**
- **Compatible with LONScanner™ Protocol Analyzer.**
- **CE, UL, cUL, and TÜV.**

GENERAL

The U10 USB Network Interface is a low-cost, high-performance LONWORKS® interface for USB-enabled PCs. The U10 USB Network Interface connects directly to a TP/FT-10 Free Topology Twisted Pair (ANSI/CEA-709.3) LONWORKS channel through a removable connector, and is fully compatible with link powered channels.

APPLICATION

The U10 USB Network Interface is designed for use in LONWORKS networks with USB-enabled, typically PC-based devices that perform monitoring, management and diagnostics functions. The U10 interface is ideal for industrial control, building automation, process control, home automation, and transportation applications. The interface

features easy to install, auto-configuration drivers for Microsoft® Windows® 2000, XP® and Server 2003, and is compatible with LNS® 3 and Turbo Edition applications, including the LONMARK® Integration Tool.

Compatible with OpenLDV applications and the LonScanner Protocol Analyzer, the U10 interface is certified USB 2.0 compatible by the USB Implementers Forum. In addition, the U10 interface carries the *Designed for Windows XP®* logo compatibility certification.

A 60 cm USB extension cable is included with the U10 interface, to allow easy connection in various laptop and desktop environments. Installation software and user's guide are included on CD-ROM.

SPECIFICATIONS

Communications:
Compatible with ANSI/CEA-709.3.

Network Connector:
Removable screw terminal connector (included).

Power Supply:
Operating Input Current (USB): 50 mA maximum at 5 Vdc.

USB Compatibility:
Certified USB 2.0 compatible.
   Works with USB 1.1 and Hi-speed USB systems,
   peripherals and cables.

LED Indicators:
Service: Amber.
Transmit: Green.
Receive: Green.

Dimensions (W x H x L):
0.88 in. (22.4 mm) x 0.71 in. (18.2 mm) x 4.45 in. (113.2 mm).

Temperature Ratings:
Operating temperature range: 32° F to 158° F (0° C to 70° C).
Non operating: -4° F to 185° F (-20° C to 85° C).

Humidity Rating:
Operating: 25% to 95% RH at 122° F (50° C),
   (non-condensing).
Non-Operating: 95% RH at 150° F (70° C) (24 hour,
   Non-condensing).

Shock and Vibration: ETS1300 019-2-3 T3.2.

Approvals:
Electromagnetic Compatibility (EMC): FCC Part 15 Level B,
   EN55022 Class B, EN55024,CISPR 22 Class B, VCCI
   Class B.
U.L. 60950, cU.L. C22.2 No. 60650-00, TÜV EN60950, CE,
   C-Tick.

RELATED DOCUMENTATION

The *LONWORKS USB Network Interface User's Guide* is provided in PDF format on the drivers software CD-ROM (included).

ORDERING INFORMATION

Product	Honeywell Model Number
U10 USB Network Interface - TP/FT-10 Channel	Q7752C2007

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Automation and Control Solutions

Honeywell International Inc.
1985 Douglas Drive North
Golden Valley, MN 55422

customer.honeywell.com

Honeywell Limited-Honeywell Limitée
35 Dynamic Drive
Scarborough, Ontario M1V 4Z9

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