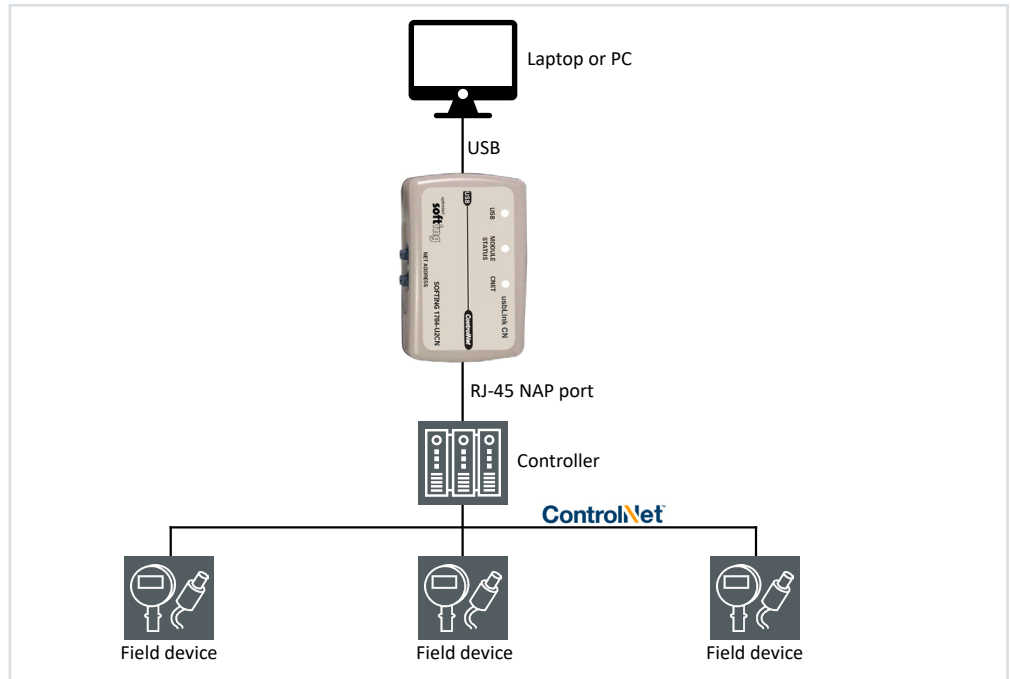


usbLink CN

USB to ControlNet Interface, Cable and Connectors

- **usbLink CN replaces the Allen-Bradley 1784-U2CN interface**
- **USB 2.0 for laptop connection and RJ45 for ControlNet connection**
- **Use with RSLinx and RSNetWorx to configure the network and field devices**



Connect Laptop to ControlNet Network

- Use RSLinx version 2.51 or later
- Use RSNetWorkx for ControlNet to communicate with devices via RSLinx
- USB2.0 connector for connection to laptop or PC
- RJ-45 connector for connection to NAP (network access port) of a ControlNet network enabled device

Configuration on the move

- Use usbLink CN when you travel to sites with ControlNet as a quick and easy way to temporarily connect and configure networks and devices with a laptop
- Use RSLinx to scan/browse a ControlNet network
- Use RSNetWorx for configuring devices, configuring the network, read diagnostics and status, and troubleshooting
- Use RSStudio (RSLogix) for PLC programming

Rockwell Technology Partner Product

- The usbLink CN replaces the Allen Bradley 1784-U2CN
- Softing is a Rockwell Technology Partner and the usbLink CN is an approved product in the Technology Partner Program

Easy Setup

- Load RSLinx software and the usbLink CN device driver if using RSLinx versions before v2.54. RSLinx v2.54 and later contains the necessary device driver
- Use the rotary switches to set the module node address (1 - 99)
- Insert USB end of the cable to laptop
- Insert RJ-45 end of cable into a ControlNet enabled access port (NAP)
- LEDs indicate USB status, module status, and ControlNet network status

usbLink CN

Technical Data

Electric Properties	Enclosure type rating	Meets IP30
	Supply voltage	5.25 volts DC
	Supply current	225 mA
	Isolation voltage	30 Volts continuous, basic insulation
	Wiring category	Type tested at 500 V AC for 60 seconds, ControlNet to USB 2 - on communication port
	ControlNet current value	70 mA @ 24 Volts
Operating temperature	IEC 60068-2-1 (Test Ad, Operating Cold)	0....55 degrees C (32....131 degrees F)
	IEC 60068-2-2 (Test Bd, Operating Dry Heat)	
	IEC 60068-2-1 (Test Nd, Operating Thermal Shock)	
Certifications		c-UL-us, CE, RCM KCC, CI (ControlNet International conformance tested to ControlNet specification)
USB LED	Green	cable configured, but no network traffic present
	Flashing green	network traffic is present
	Off	Unable to transfer data
Module status LED	Green	cable is operating normally
	Off	no power to cable
	Flashing green	normal, operating, online, with no connection
	Red	cable has an unrecoverable fault and might need to be replaced
	Flashing red/ green	the cable is performing a self test
CNET LED	Flashing red	the cable has an unrecoverable fault
	Off	not on a network
	Red	network interface fault
	Flashing red/ green	invalid network configuration (for example, a MAC ID above UMAX)
	Flashing red	duplicate node detected, link fault, no MAC frames received
	Flashing green	temporary channel error, listen only
Green	normal operation. MAC frame received without error	

Scope of Delivery

Hardware	SOFTING 1784-U2CN Interface module
Documentation	User Guide

Order Number

SOFTING 1784-U2CN	USB to RJ-45 Interface module, cable, connectors for connecting laptop to ControlNet enabled device
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