Connect with your space

The Reliable Controls® X-Port-2™
converter is a convenient
communication device which
provides an extra EIA-232 port to
any MACH-System controller.

Better by **design**

www.reliablecontrols.com/XP

Tech Specs

Supply Voltages
- 5 VDC @ 30 mA from controller SMART-Net port

Communication
- EIA-485 (SMART-Net), RJ11 connector @ 2400, 4800, 9600, 19200, 38400, or 76800 Kbps
- EIA-232, RJ-45 connector @ 38400 Kbps
- 2 red LEDs for status indication

Application Software
- Connects directly to RC-Studio
- Connects directly to RC-Toolkit

Dimensions
- 9.65 cm L x 6.03 cm W x 2.29 cm H (3 $\frac{3}{4}$" L x 2 $\frac{3}{8}$" W x $\frac{7}{8}$" H)

Weight
- 72 g (2.5 oz)

Ambient Limits
- Operating: 0 °C to 40 °C (32 °F to 104 °F)
- Shipping: -40 °C to 60 °C (-40 °F to 140 °F)
- Humidity: 10% to 90% RH non-condensing

Features

Protocol
- BACnet
  - MS/TP (EIA-485)
  - PTP (EIA-232)
  - Slave Proxy on MS/TP
- Reliable Controls
  - Network (EIA-485/Token Bus)
  - PC & Modem (EIA-232)

Self Powered
- The X-Port-2 converter is self powered from the connected controller's SMART-Net port
- No external power supply is required

No Configuration Required
- The X-Port-2 automatically determines network protocol and baud rate.
- Communication to the PC is fixed at 38400 baud.

OS Send
- Allows OS Send to any networked controller except MACH-ProWebCom/Sys

Connectivity
- Connects directly to SMART-Net port of any MACH-System controller
- Connects remotely to any MACH-System controller with the aid of a modem

Software Compatibility
- RC-Studio 2.0 – all functions
- RC-Toolkit 2.0 – all functions for listed controllers

Warranty
- 5 years

Ordering

XP2
- X-Port-2 converter including connections for PC:SS-VC-C(3), SS-VC-B, CC-C1-C(3), and CC-C1-B

ACCESSORIES

CC-C1-B
- Base for Computer to XP2

CC-C1-C(#)
- Cable for Computer to XP2 # indicates length in feet

CC-M1-B
- Converts XP2 PC cable DB9 to Modem DB25

CC-M1-C(#)
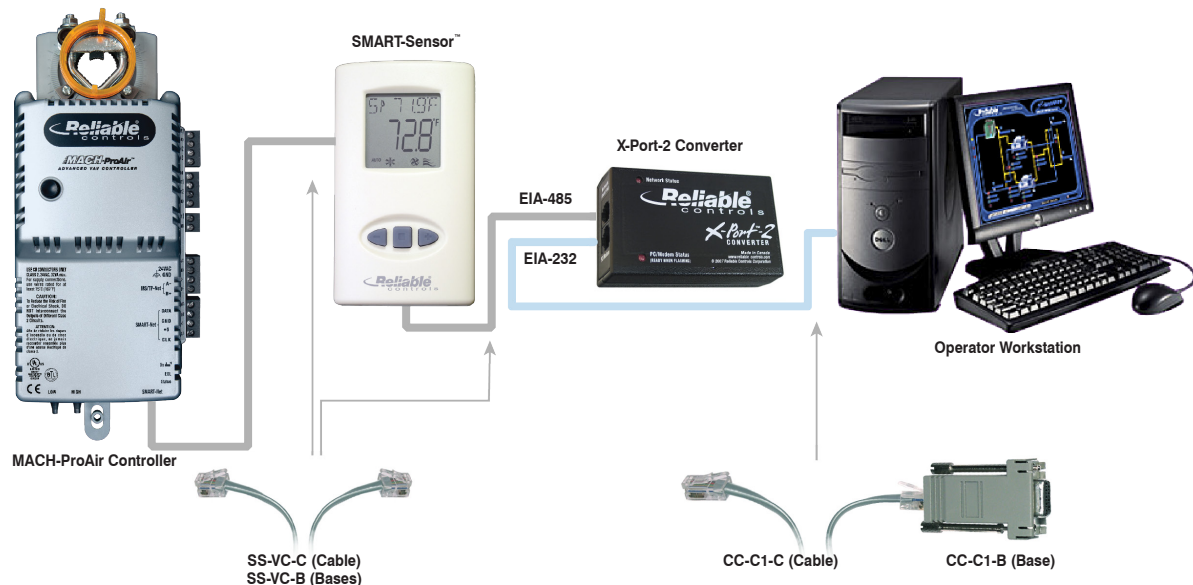- Cable for Modem to XP2 # indicates length in feet

CNV-USB-232
- USB to Serial port converter

SS-VC-B
- Set of 2 RJ-11 crimp connectors for SS-VC-C

SS-VC-C (#)
- Smart Sensor Voice Cable - Cable for Controller to SS or XP2 # indicates length in feet

APPLICATION DIAGRAMS

SMART-Sensor™

X-Port-2 Converter

EIA-485

EIA-232

Operator Workstation

MACH-ProAir Controller

SS-VC-C (Cable)
SS-VC-B (Bases)

CC-C1-C (Cable)

CC-C1-B (Base)

Dealer Information:

Designed and Manufactured in Canada