

# Reliable controls

*...people and technology  
you can rely on™*

SUPPORTS BACNET® PROTOCOL

CONNECTS TO ANY SMART-NET PORT

PROVIDES AN EXTRA EIA-232 PORT FOR ANY MACH-CONTROLLER

SUPPORTS COMMUNICATIONS WITH ALL RELIABLE CONTROLS® SOFTWARE

PERMITS REMOTE ACCESS WITH MODEM

SELF POWERED FROM CONTROLLER

INTUITIVE NETWORK STATUS LEDs

5 YEAR WARRANTY



Dimensions:

9.5 cm L x 5.9 cm W x 2.03 cm H  
3.74" L x 2.32" W x 0.8" H

The Reliable Controls® X-Port-2™ converter provides additional PC connectivity through the SMART-Net™ port of any controller, and ships with our **industry best** 5 year warranty.



The Reliable Controls<sup>®</sup> X-Port-2<sup>™</sup> converter is a convenient BACnet communication device which provides an extra EIA-232 port to any MACH-Series controller. The X-Port-2<sup>™</sup> converter connects to the SMART-Net<sup>™</sup> network and transfers information between the Reliable Controls<sup>®</sup> MACH-System and any Reliable Controls<sup>®</sup> software without compromising any existing SMART-Sensors on the network. Power is derived from the controller's SMART-Net port. Visual indication of operation is provided by status LEDs.

### TECHNICAL SPECIFICATION

#### Supply Voltages

- 5 VDC @ 30 mA from controller SMART-Net<sup>™</sup> port

#### Communication

- EIA-485 (SMART-Net<sup>™</sup>), RJ11 connector @ 2400, 4800, 9600, 19200, 38400, or 76800 kbps
- EIA-232, RJ45 connector @ 38400 kbps
- 2 red LEDs for status indication

#### Application Software

- Connects directly to RC-Studio<sup>®</sup>
- Connects directly to RC-Toolkit<sup>™</sup>

#### Dimensions

- 11.4 cm L x 7.0 cm W x 3.9 cm H (4.5" L x 2.75" W x 2.54" H)

#### Weight

- 0.09 kg (0.195 lb.)

#### Ambient Limits

- Operating: 0 °C to 40 °C (32 °F to 104 °F)
- Shipping: -40 °C to 60 °C (-20 °F to 140 °F)
- Humidity: 10% to 90% RH non-condensing

### FEATURES

#### Protocol

- BACnet<sup>®</sup>
  - MS/TP (EIA-485)
  - PTP (EIA-232)
- Reliable Controls<sup>®</sup>
  - Network (EIA-485/Token Bus)
  - PC & Modem (EIA-232)

#### Self Powered

- The X-Port-2<sup>™</sup> converter is self powered from the connected controllers' SMART-Net<sup>™</sup> port
- No external power supply is required

#### Configuration

- Allows panel configuration without a PC connection (including MACH-Air<sup>™</sup>, MACH-Zone<sup>™</sup>, MACH1<sup>™</sup>, MACH2<sup>™</sup>, and MACH-Global<sup>™</sup> controllers)

#### OSsend

- Allows OSsend to any networked controller

#### Connectivity

- Connects directly to SMART-Net<sup>™</sup> port of any MACH controller
- Connects remotely to any MACH controller with the aid of a modem

#### Software Compatibility

- RC-Studio<sup>®</sup>- all functions
- RC-Toolkit<sup>™</sup>- all functions

#### Warranty

- 5 years

### ORDERING

#### XP2-M

- X-Port-2<sup>™</sup> converter with connection cables for modem

#### XP2-P

- X-Port-2<sup>™</sup> converter with connection cables for PC

### APPLICATION DIAGRAM

