



**Environmental**

**Operating Temperature** -22 °F to 140 °F ( -30 °C to +60 °C)  
**Storage Temperature** -67 °F to 185 °F ( -55 °C to +85 °C)  
**Relative Operating Humidity** 0 to 95% without condensation @ 122 °F (+50 °C)  
**Operating Altitude** -1300 feet to 13,000 feet (-400 m to +4000 m) above sea level

**Physical**

**Dimensions** (W x H x D) 8.5" x 6.9" x 3.3" (21.50 x 17.50 x 8.50 cm)  
**Weight** 3.3 pounds (1.50 kg) (max. unit only)

**Communication Ports**

**Port #1** RS232 or RS485 (User Configurable)  
**Port #2** RS232  
**Port #3** Radio or Line (User Configurable)

**Approvals**

UL, FCC, CE

**Station Capacity**

**Basic Board** 12 Outputs, 4 Digital Inputs  
**Expansion Board** 12 Outputs, 4 Digital Inputs

**AC and DC Models**

**Electrical Input**

**AC Power in**  
**DC Power**

**DC Model**

None  
 12 VDC

**AC Model**

24 VAC  
 12 VDC (optional)

**Electrical Output**

5, 7.5, 9.5, 12V DC (2Amp) Power out for portable radio (programmable)

**Station Load Capacity**

**DC Latch Solenoids** **DC Model** (unlimited concurrent active outputs )  
 Capacitor: 3300 µF, 35 VDC  
 Discharge Voltage: 4 to 35 VDC (configurable)  
 Pulse Width: 120 m.Sec.

**24 VAC ML relay Output**  
 Total Unit Load

**AC Model**

1 Amp. Per Output  
 6 Amp. Total

**Digital Inputs**

**Input Rating** Open: > 50kΩ (OFF), Closed: 0-4k Ω (ON)  
**Minimum Pulse Width** 50mSec.  
**Maximum Frequency** 7200 Pulses Per Hour (PPH)

**Application Data**

**Connectivity to ICC** Yes (Via Port #3, Port #2 or Port #1)  
**Connectivity to Piccolo-XR** Yes (Via PIU on Port #1 or Port #2)  
**Connectivity to Impact** Yes (Via Port #3)  
**Connectivity to Scorpio** Yes (Via Port #3)  
**Connectivity to Pocket PC** Yes (Via Port #1 or Port #2)

**Number of Outputs** 250  
**Number of Inputs** 250  
**Number of Main Lines** 125  
**Number of Programs** 200  
**Number of Groups** 200

**IRRInet —M**

Water and Irrigation Control Solutions