# PRODUCT PROFILE # 579

# Remote Polling Module II
# RPM II

The Remote Polling Module II (RPM II) is part of the INTREPID™ family of products. Its function as a system controller is to be a "Poll Master" and poll all of the INTREPID Series II compatible IPP II (INTREPID Polling Protocol II) sensor devices, alarm input devices, and relay output devices that are connected to its communications ports. It has a RJ45 network connection for the SDK interface, UIST II and CST II. It retains alarm information to be accessed by the SDK development kit for graphic alarm monitoring by a third-party High-Level Interface (HLI). *The RPM II can also be configured as a relay output device in conjunction with the SDK*. If the HLI fails, the relay output(s) will still be active. When an alarm is detected on any device, it will send the command to set the appropriate relay(s) on the output device(s) or HLI or both.

As a Poll Master, the RPM II communicates with other system devices using RS422 communications This RS422 communication can be done over 22 or 24 gauge stranded twisted shielded pair wire (max 5,000 feet [1,500m]) or fiber optic devices while network communications is done with standard network cables connected to the RJ45 port. *CAT 6 shielded cable is recommended.*

The RPM II is packaged in the standard INTREPID enclosure as shown in Figure 1. The dimensions are 14cm H x 34.3cm W x 12.7cm D (5.5 in H x 13.5 in W x 5 in). It weighs 1.36 kg (3 lbs).



*Figure 1: INTREPID Enclosure for RPM II*

Figure 2 shows the various connection points, programming ports, communications ports and diagnostic LEDs available on the RPM II circuit board assembly.
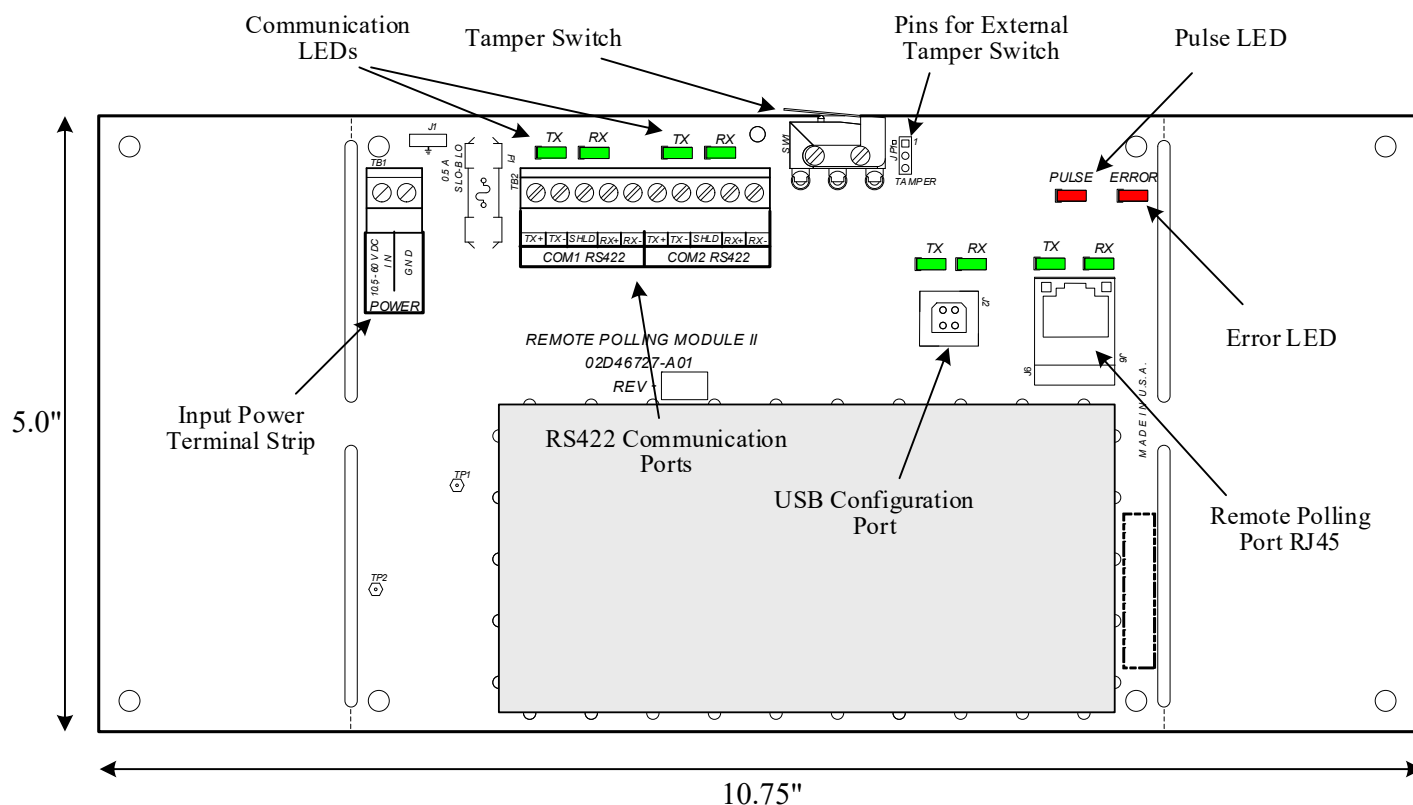


*Figure 2: Remote Polling Module II (RPM II) Circuit Card*

Specifications:

Operating Temperature: -40° C to 70° C (-40° F to 158° F)
Enclosure Size: 13.9 H x 33.7 W x 12.7 D cm (5.5 x 13.3 x 5 in)
Enclosure Rating: IP66
Weight: 1.36 kg (3 lbs)
Input Power: 10.5 to 60 VDC
Current Draw: 12 VDC: 195 mA, 24 VDC: 100 mA, 48 VDC: 65 mA
Ports: RJ45 for network connection (1), USB-B (1), RS422 (2)
Language(s): English
Maximum Zone Records: 128
Maximum Devices: 16 local (RS422 communication line)