

PRODUCT PROFILE # 578

Control Module II-N CM II-N

The Control Module II-N (CM II-N) 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, relay input devices, and relay output devices that are connected to its communications ports (RS422 and RJ45). It also has eight (8) relay outputs. When an alarm is detected on any device, it will send the command to set the appropriate relay(s) on the output device(s).

As a Poll Master, the CM II-N communicates with other system devices using RS422 communications or the network port for the ROM II-16-N. 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 recommended).

As an output device each CM II-N provides eight (8) form C relay outputs used to trigger camera presets, impact lighting or any function that can be activated by a contact closure. Both Normally Open (N.O.) and Normally Closed (N.C.) contacts are available at the terminal strip.

The CM II-N 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 CM II-N

Figure 2 shows the various connection points, programming ports, communications ports, relay outputs and diagnostic LEDs available on the CM II-N circuit board assembly.

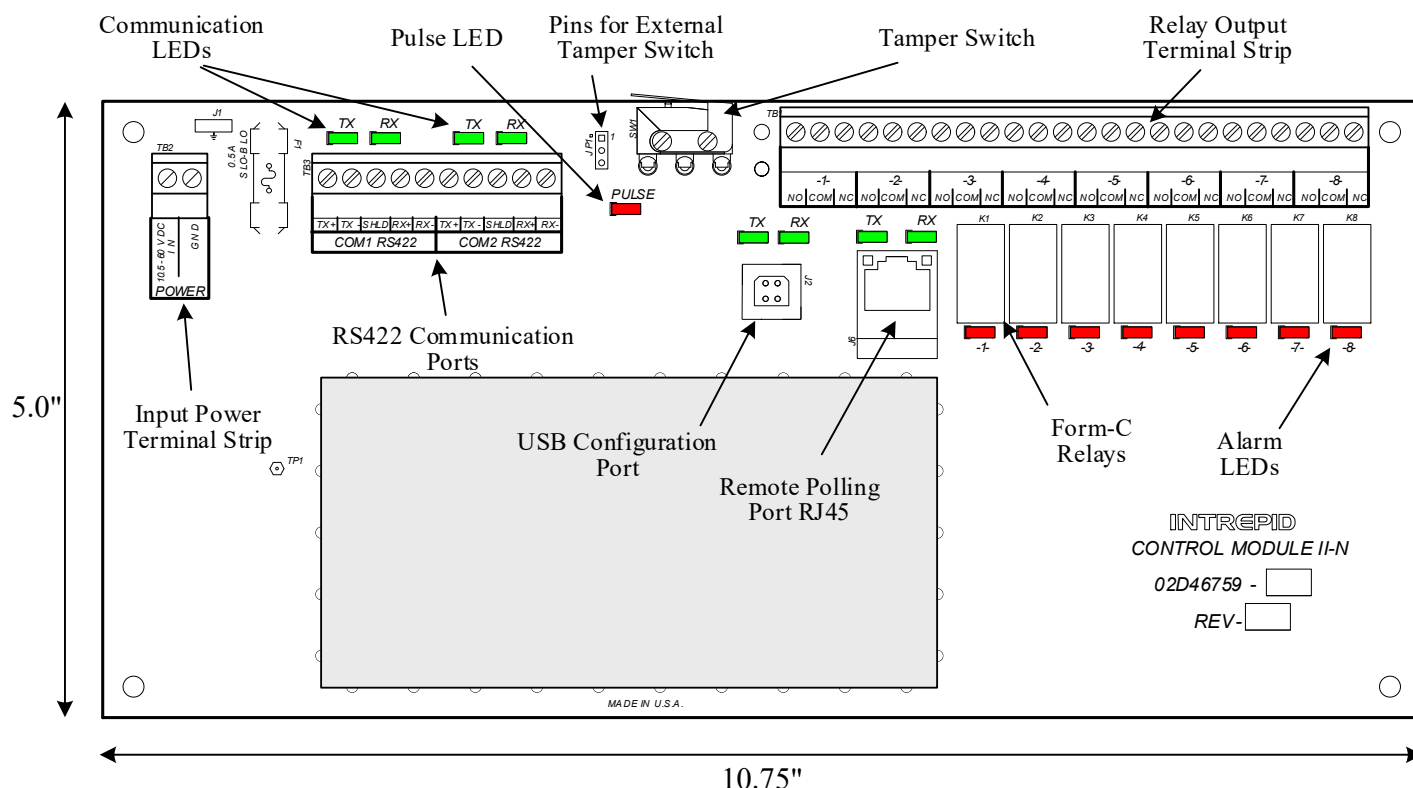


Figure 2: Control Module II-N (CM II-N) Circuit Card

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: 350 mA, 24 VDC: 185 mA, 48 VDC: 105 mA
 Outputs: 8 Alarm Relays SPDT (Form C), 2 amp @ 28 VDC
 Ports: RJ45 for network connection (1), USB-B (1), RS422 (2)
 Language(s): English, Spanish, Portuguese, Russian, Chinese, French, German
 Maximum Zone Records: 256
 Maximum Devices: 16 local (RS422 communication line) & 4 remote (ROM II-16-N)