

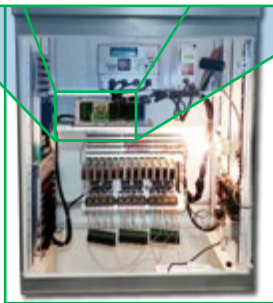


Easy Interface to Detector Racks in 33X, NEMA & ITS Cabinets

The VDX-EX Expansion (EX) Cards are the interface between the traffic controller and the Base Station when SDLC communications are not present. The EX cards are installed in the detector input rack in the cabinet without any additional adapters. These cards are single-wide and have four optically isolated outputs per card. The EX cards are installed in the four channel slots of the detector rack, typically the even number slots.

The EX Card interfaces with the Rack Mount Base Station via an RJ12 cable. Additional EX Cards can be daisy chained with RJ12 cables as well.

The Pod Expansion card is designed to function in conjunction with the Rack Mount Base Station and will operate in all NEMA, 33X and ITS Cabinets.



NEMA TS1



33X

Product Features & Specifications

TRAFFIC CONTROLLER INTERFACES	
NEMA TS1 Controller	Type 170 Controller
NEMA TS2 Controller	Type 2070 Controller
PART NUMBER	
Pod Expansion Card	50312-2000
SPECIFICATIONS	
Input/Output Voltage	11-26 VDC
Operating Temperature	-37° C to 75° C
Humidity	95% max non condensing
Power Consumption	3 mA per channel
Operating Voltage	12/24 VDC
Current Draw	20 mA @ 24 VDC
Dimensions	7.0" L x 4.5" H x 1.1" W
Weight	0.2 lbs

FRONT PANEL INTERFACES			
SP1 IN - EIA-485	1 - DCGND	LED INDICATORS	
	2 - RXD-		• Power Indicator
	3 - RXD+		• Status Indicator
	4 - TXD-		• 4CH Indicator
	5 - TXD+		• CH 1 = Output 1
	6 - DCGND		• CH 2 = Output 2
SP2 OUT - EIA-485	1 - DCGND		• CH 3 = Output 3
	2 - TXD-		• CH 4 = Output 4
	3 - TXD+		• SP1 TXD
	4 - RXD-		• SP1 RXD
	5 - RXD+		• SP2 TXD
	6 - DCGND		• SP2 RXD

Cubic | Trafficware's Pod Detection System™ uses patented technology exclusively licensed from Massachusetts Institute of Technology (M.I.T.) and has one or more features covered by one or more of the following patents: U.S. Patent Nos. 6,662,099, 8,855,902 and 9,020,742. Other patents pending. The foregoing notice is intended to serve as a notice under 35 U.S. C. § 287(a).