

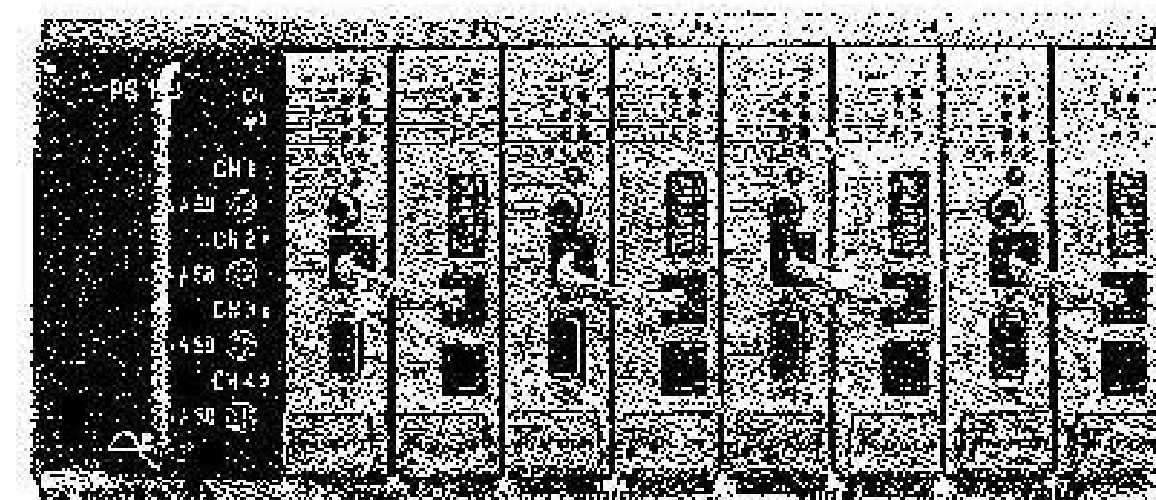
VIP3D.1s and VIP3D.2s

VIDEO DETECTION SOLUTION – SYSTEM ARCHITECTURE

In a typical installation, the VIP3D.xs detector modules (single or dual video input) are plugged into a standard cabinet rack.

A VIP 2/I/Os or 4/I/Os expansion module may provide extra inputs and outputs to the detector.

VIP3D.xs interfaces directly to the traffic controller via cable-connected outputs.



Rack with VIP3D.2s and 4/I/Os expansion modules

PRODUCT SPECIFICATIONS

Dimensions

4.5 in H x 1.1 in W x 7.0 in L (114 mm x 28 mm x 178 mm)

Power

10.8V to 26.5 VDC

Consumption, current

- 200 mA @ 24 V for VIP3D.2s
- 160 mA @ 24 V for VIP3D.1s

Video

In: 75Ω 1Vpp, PAL or NTSC

Out: via BNC connector - front

Outputs / Inputs

4 outputs (open collector, selectable active low or high)

Up to 24 outputs/20 inputs via expansion modules

Communication

Serial port - front for setup

RJ-11 connector - front to the expansion modules

Double row 22 pins EDGE (NEMA TS2-1992)

connector - back

Push button - front for reset/recall

Indicators

LED for connection to I/O Expansion modules

Power LED, Video in LED

LED for the communication status

LEDs for the outputs status

Environmental

-34°C to +74°C

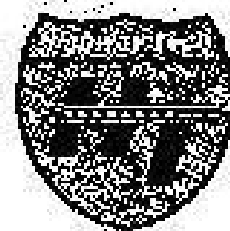
0 to 95% relative humidity - non-condensing

PRESENCE DETECTION

- » Stop bar or advance detection on up to 24 presence zones (up to 20 zones per camera for VIP3D.2s)
- » Zones configurable with delay and extend time
- » Up to 24 fail-safe detector outputs
- » Up to 20 inputs
- » Combination of outputs and inputs with Boolean logic
- » Queue length measurement
- » Configuration scheduling

DATA COLLECTION

- » Count, speed, classification, occupancy, density, headway and gap time
- » Up to 8 data collection zones (up to 4 zones per camera for VIP3D.2s)
- » Traffic flow monitoring
- » Configurable on-board database
- » Loop emulation



Highway Tech Signal Equipment Sales, Inc.
8 Gardiner Road / P.O. Box 3180
Sabbatus, ME 04280
Tel. (207) 375-8248
Fax (207) 375-8279

Data subject to alteration without notice or obligation

WESTERN USA: Kar-Gor Inc - 2769 19th Street, S.E. - Salem, OR 970302 - Phone: 503 315-9899 - E-mail: kargor@aol.com
 TRAFICON USA: 10161 Park Run Drive, Suite 150 - Las Vegas, NV 89145 - Phone: 702 851-5880 - E-mail: traficon@traficonusa.com
 EASTERN USA: Control Technologies Inc - 2776 South Financial Court - Sanford, FL 32773 - Phone: 407 330-2600 - E-mail: cttraffic@aol.com