

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

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

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

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

RJ11 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

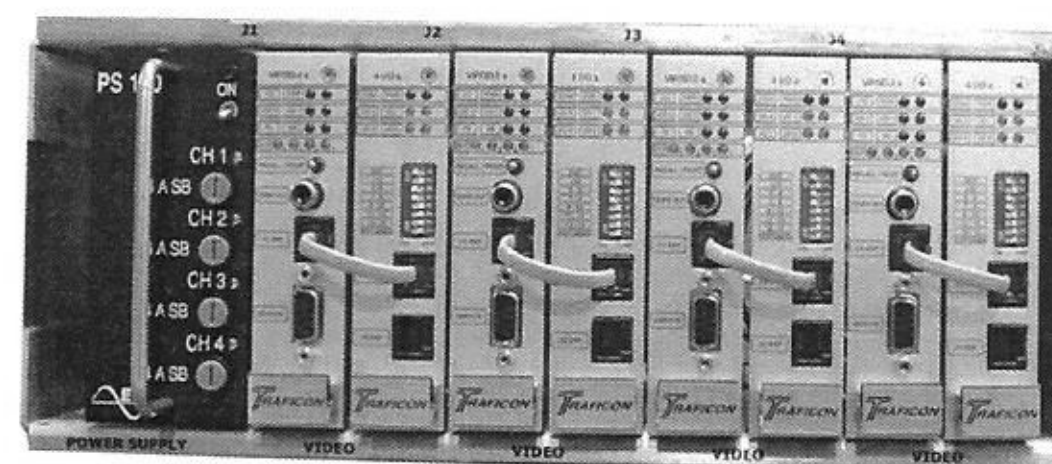
LED for the communication status

LEDs for the outputs status

Environmental

-34°C to +74°C

0 to 95% relative humidity - non-condensing



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

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



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