

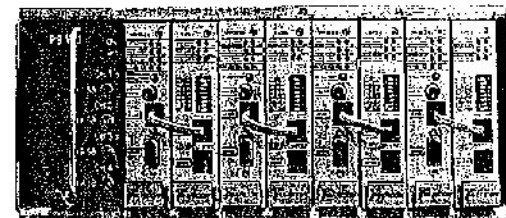
VIP3D.1s and VIP3D.2s

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/O or 4I/O 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 4I/O 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
10.5v to 28.5 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
RJ45 connector - front to the expansion modules
Double row 22 pins EDCE (NEMA TS2-1902) 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 6 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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Data subject to alteration without notice or obligation

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