



TRAFICON USA
TRAFFIC VIDEO DETECTION



P/N 7250-209

VIEWCOM/E MAXs

Remote Monitoring, Transmission of Data, Alarms, Images and real-time MPEG-4 streaming video over Ethernet

Single slot direct plug-in module for type 170, 2070, NEMA TS1 & TS2 and ATC controllers



Single slot module VIEWCOM/E MAXs

Features

- Transmission of data, events and alarms generated by the VIP detector boards
- IP-addressable communication board
- MPEG-4 image compression
- Streaming video
- Web server with dynamic HTML pages for remote administration
- Remote and real-time monitoring of the VIP detector boards

Benefits

- Single slot direct plug-in module, rack space saving board
- Interfaces also with TS2 SDLC via BIU
- Field-proven performance
- Easy to install, user-friendly setup, high mean time between failures (MTBF) and low mean time to repair (MTTR)

VIEWCOM/E MAXs establishes the communication between the VIP detector boards and TMS (Traficon management system).

VIEWCOM/E MAXs transmits traffic data and events from the VIP detector boards to the PC via Ethernet communication.

VIEWCOM/E MAXs also does the compression of images (MPEG-4) and provides streaming video for remote monitoring and control.

In addition, VIEWCOM/E MAXs handles the communication between the VIP detector boards and the bus interface unit (BIU) to interface with a TS2 controller using SDLC.

A VIEWCOM/E MAXs board is IP-addressable and communicates via Ethernet.

A web server with dynamic HTML pages is running on VIEWCOM/E MAXs with Ethernet communication. The HTML pages provide access to a series of functionalities such as remote monitoring and setup of the VIP detector boards or real-time data reports. This facilitates remote administration.

The web server pages are accessible via a standard browser on multiple platforms.



VIEWCOM/E MAXs web server page for remote administration



VIEWCOM/E
MAXs

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)

COMMUNICATION

RS-232C service port
RS-485 (polling of the detector boards)
Ethernet communication

INPUTS

Composite video 75 - 1Vt CCIR/EIA
Power Supply
Reset button on front panel

OUTPUTS

Analogue video output with system info
Auto diagnostic LED indicators

CONNECTOR (back)

Double row 22 pins EDGE (NEMA TS 2-1992)

POWER SUPPLY & CONSUMPTION

+10.8V DC to +26,5V DC

Environmental

-34°C to +74°C
0 to 95% relative humidity - non-condensing

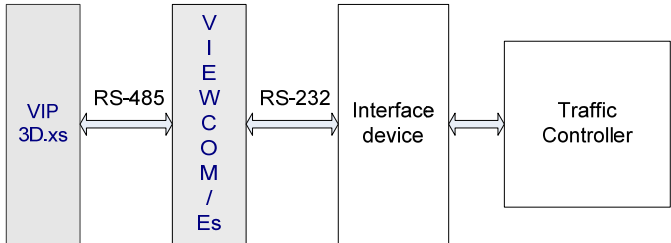
**VIDEO DETECTION SOLUTION –
SYSTEM ARCHITECTURE**

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

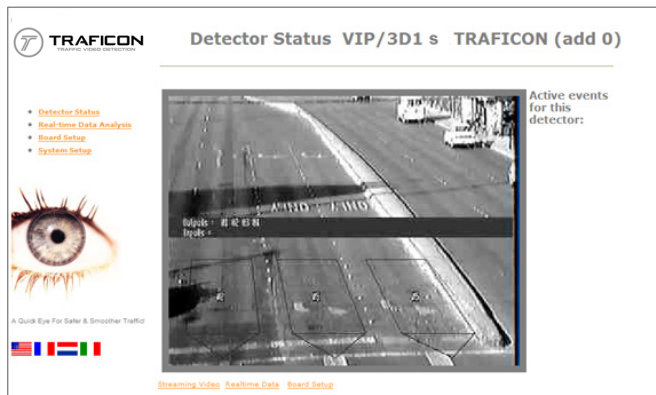
A VIP 2I/Os or 4I/Os expansion module may provide extra inputs and outputs to the VIP detector board.

VIEWCOM/E MAXs transmits data, events and alarms generated by the VIP detector boards to TMS (stand-alone software platform for data collection and storage).

Alternatively the VIP detector boards are configured for use with a BIU to interface with a TS2 controller using SDLC. In this case, presence detection information is communicated serially to the BIU via VIEWCOM/E MAXs.



Remote access to VIEWCOM/E MAXs via the internet browser allows for real-time monitoring of the VIP detector boards (streaming video) and board setup (VIP detector boards and VIEWCOM/E MAXs board).



Remote monitoring of a VIP detector board via the VIEWCOM/E MAXs homepage



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