



VIEWCOM/E MAX+

REMOTE MONITORING, DATA TRANSMISSION, ALARMS, IMAGES AND REAL-TIME MPEG-4 / H.264 STREAMING VIDEO OVER ETHERNET

FOR TYPE 170, 2070, NEMA TS1 & TS2 AND ATC CONTROLLERS



Single slot module VIEWCOM/E MAX+

VIEWCOM/E MAX+ establishes the **communication** between the VIP detector boards and Flux, the Traficon management system.

VIEWCOM/E MAX+ **transmits traffic data and events** from the VIP detector boards to the PC via **Ethernet (TCP/IP) communication**.

VIEWCOM/E MAX+ also does the **compression of images (JPEG)** and provides **streaming video (MPEG-4/H.264)** for remote monitoring and control.

In addition, VIEWCOM/E MAX+ handles the **communication** between the VIP detector boards and the SDLC Interface Device to connect with a TS2 controller.

A VIEWCOM/E MAX+ 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**.

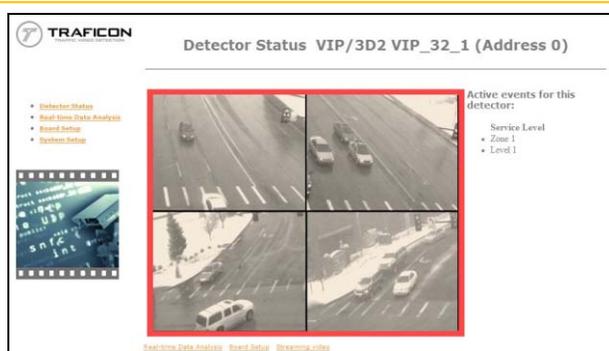
The web server pages are accessible via a standard browser on multiple platforms.

KEY FUNCTIONALITIES

- ⑦ Transmission of data, events and alarms generated by the VIP detector boards
- ⑦ IP-addressable communication board
- ⑦ JPEG image compression
- ⑦ MPEG-4/H.264 streaming video
- ⑦ Quad view of 4 cameras for intersection overview
- ⑦ Web server with dynamic HTML pages for remote administration
- ⑦ Remote and real-time monitoring of the VIP detector boards
- ⑦ SNMP network management protocol support

KEY BENEFITS

- ⑦ Single slot direct plug-in module, rack space saving board
- ⑦ Connects via SDLC Interface Device with TS2 controllers
- ⑦ Field-proven performance
- ⑦ Easy to install, user-friendly setup, high mean time between failures (MTBF) and low mean time to repair (MTTR)



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



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

Keypad control port
RS-232 communication port
RS-485 (polling of the detector boards)
Ethernet (TCP/IP) communication
Compatible with 170, 2070, NEMA TS1 & TS2 and ATC controllers

INPUTS

6 composite video inputs - 1 Vpvt
RS-170(A) / CCIR
Power Supply
Reset button on front panel

OUTPUTS

Composite video (RCA) out with system info
Analogue video output with system info
Auto diagnostic LED indicators

CONNECTOR (back)

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

POWER SUPPLY & CONSUMPTION

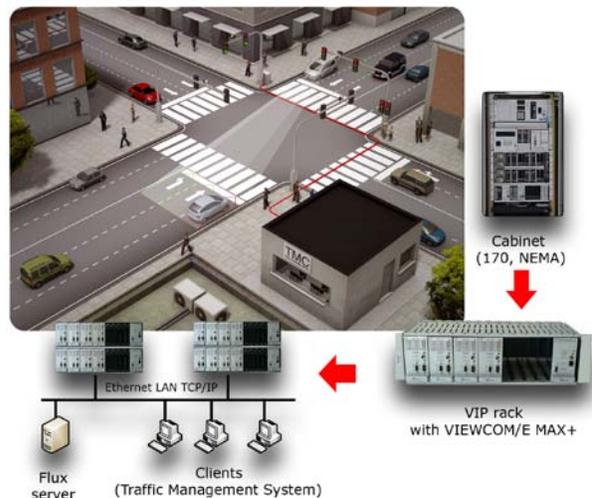
+10.8V DC to +26.5V DC
170mA @ 24V DC

ENVIRONMENTAL

-34°C to +74°C
0 to 95% relative humidity - non-condensing
NEMA TS2 compliant

EMI / EMC

FCC Part 15 Class A



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 MAX+ transmits data, events and alarms generated by the VIP detector boards to Flux (stand-alone software platform for data collection and storage).

Alternatively the VIP detector boards are configured for use with an Interface Device to connect with a TS2 controller using SDLC. In this case, presence detection information is communicated serially to the Interface Device via VIEWCOM/E MAX+.

Remote access to VIEWCOM/E MAX+ 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 MAX+ board).



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: 407 330-2800 – E-mail: cttraffic@aol.com