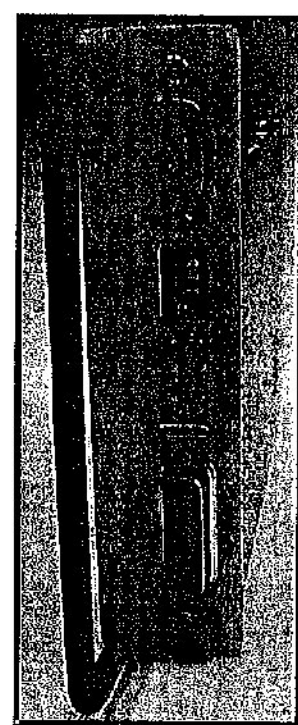




### VU BIU



#### Dimensions

- TS-2 compatible card rack units

#### Inputs

- 64 Detector Inputs via Traficon VU Protocol

#### Connector

- Double row 22 pins EDGE

#### Power Supply & Consumption

- 18-26 VDC/200 mA
- Can be Inserted with Power Applied

#### Environmental

- -28°F to +166°F (-34°C to +74°C)
- 0 to 95% relative humidity – non-condensing

#### BIU Selection Switches

- Selects TS2 Detector BIUs to emulate
- Operates as 1 to 4 BIUs simultaneously

#### Port 1 Specifications

- EIA-485 Standard Compliant
- 153.6 Kbps Data Rate
- SDLC Protocol

#### EIA-232 Port Specifications

- EIA-232 Standard
- Traficon VU Protocol

#### Power LED Indicator Details

- Slow Blink Indicates Inadequate 24VDC Power Level
- Solid On Indicates Proper Power and Operation Solid Off Indicates No Power

#### TX/RX2 LED Indicators

- RX2 blinks upon reception of Traficon VU message
- TX2 blinks upon transmission of Traficon VU message

#### TX/RX LED Indicators

- RX blinks upon reception of TS2 SDLC message
- TX blinks upon transmission of TS2 SDLC message

- TX blinks upon transmission of TS2 SDLC message

### VU BIU FUNCTIONALITY

The Naztec VU BIU provides a TS2 SDLC interface for Traficon VU camera processors. Any detection zone can be assigned to any of the 64 available TS2 detection channels. Multiple zones may even be applied to the same channel. Each channel maps directly to the 64 detection channels provided by standard TS2 Detector BIUs.

It operates by allowing a Traficon VU COM to provide the detection status via the EIA-232 interface. The VU BIU then assigns the detection information to the appropriate TS2 SDLC Detector BIU message, which is provided as a response to polling by the traffic controller. The VU BIU can be configured to emulate any of the 4 Detector BIUs simultaneously.



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