

## FEATURES & CAPABILITIES

The Model BIU-700-TW Bus Interface Unit links the TS2 Controller Unit to the Cabinet I/O. It is responsible for controlling load switches, providing dimming, receiving and isolating pedestrian calls, analyzing detector faults, time-stamping detector calls, and providing detector resets. By design, the BIU is free of operator controls. The BIU performs its I/O functions based upon a pre-wired card rack address. The Trafficware BIU-700-TW is a Bus Interface Unit that meets or exceeds the requirements of the NEMA TS2 Standard for BIU.

## SPECIFICATIONS

### LED INDICATORS

Power	DC power status
Receive Data	SDLC Port 1 receive data
Transmit Data	SDLC Port 1 transmit data

### INPUT/OUTPUT

- 15 DC Output pins
- 24 Programmable Input / Output pins
- 8 DC Input pins
- 4 Optically Isolated inputs
- 1 Line Frequency Reference input
- 4 Address Select input pins

### OUTPUT DRIVERS

- Rated at 150mA continuous sink current
- Rated to 50 volts with a voltage clamp for transient protection

### ISOLATED INPUTS

- Four optically isolated inputs for Pedestrian Detector and



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