



# Vehicle Transponder

## *Bus Plus System*



### Priority for Transit Vehicles

*The Vehicle Transponder is an integral component of the Novax Bus Plus System which provides cost effective high speed transit for a variety of traffic control systems.*

#### Features

- Transmits coded infrared signal to the Wayside Unit
- Output signal priority switched by inputs
- Rugged, waterproof design
- Mounted high on side of vehicle
- Simple operation

#### Operating Brief

The Novax Bus Plus Vehicle Transponder consists of an infrared transmitter, modulator and power supply. The Vehicle Transponder is attached to the right side of each transit vehicle. The transponder transmits a continuous coded signal that is picked up when the bus passes a Wayside Unit. It is designed to withstand automatic vehicle wash operation and the hazards of weather.

#### Specifications

Detection Zone:	±2 meters range @ 6 meter distance
Priority Selection:	4 levels (off, 1, 2, 3) selected by 2 binary inputs Active pull down 24VDC, 2.4mA
Power Requirements:	12 Volts nominal (10-32 VDC); 120mA@12VDC
Operating Temperature:	-37°C to +74°C (-35°F to 165°F)
Storage Temperature:	-45°C to +85°C (-49°F to 185°F)
Weight:	230 grams (0.5 lbs.)
Physical Size:	18.8W x 7.5H x 4.5D cm (7.5" x 3.0" x 1.8")
Model Number:	ELA391

Product may not be exactly as shown.