

# DRU III

## OEM Directional RADAR Unit



*This flexible directional RADAR easily integrates with a variety of speed solutions - from speed awareness to the sports field. Now with 5 year warranty.*

### Flexible Design

- Directional K-band RADAR
- Small package is ideal for system integration such as speed trailers, speed displays and other speed measurement applications
- Designed for maximum flexibility and ease of use
- Small size and ultra-low power consumption are ideal for battery powered devices
- Quickly programmed for multiple preselected output protocols to easily replace competitive radar
- Uses a configurable RS 232 output signal, optional RS 422
- Track targets approaching, receding, or both
- Provides longer tracking history with a 2 second hang time
- Sports mode allows quick acquisition time and only a 1/2 second target hang time
- 5 range settings (signal to noise ratio adjustment)

### Features and Options

- Digital Signal Processing (DSP) directional radar
- Easily mounted inside OEM equipment such as trailers and pole mounted speed displays
- Waterproof housing
- Convenient single cable for power and data
- Dual color LED indicates RADAR status and strongest target direction

### Available Configurations

- DRU III OEM Kit: Use in OEM displays and trailers requiring directional RADAR
- DRU III SlimLine: Perfect for mounting inside low profile speed signs
- DRU III Railroad OEM radar
- DRU III Railroad Harsh Environment (HE)



Front



Rear

**Speed measurement applications**

**Easily programmable**

**Industry leading, low power design**

# DRU III OEM Directional RADAR Unit



## Original Equipment Manufacturer (OEM) and Railroad Specifications

- Accuracy: +/- 1 mph (+/- 1 kph)
- Speed range: 5 to 150 mph (8 to 241 kph)
- Package: 3" x 3" x 1.5"  
(7.62cm x 7.62cm x 3.81cm)
- Operating temp: -22° to +140° F (-30° to + 60° C)
- Frequency: K-band 24.125 +/- 100 MHZ
- Beam width: 12° horizontal
- Voltage: 7.4 - 24.0V DC
- FCC type 15 ultra-low power emissions
- Multiple baud rates supported



Dual color LED

## Unique to Railroad

- Speed calculations: 10 Hz rate 10x/second
- TIA/EIA - 485A compliant
- Voltage up to 28VDC
- RS422



Easily and discretely integrates inside  
OEM products



DRU III Data Sheet - USA Eng - Print - 05/2016