## **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 OFM 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:  $-22^{\circ}$  to  $+140^{\circ}$  F (-30° to  $+60^{\circ}$  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

#### **Unique to Railroad**

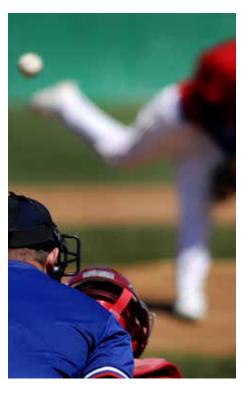
• Speed calculations: 10 Hz rate 10x/second

• TIA/EIA - 485A compliant

Voltage up to 28VDC

• RS422







Dual color LED



Easily and discretely integrates inside OEM products



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