

## Analog Junction Box

### FEATURES

- Large 6 digit red LED display
- Digit height—57 mm (2-1/4")
- Digit-for-digit replication from the transmitting VPG Transducers indicator
- Communication interface—RS-232, RS-485, or 20 mA
- Baud rate and data format—DIP switch selectable
- Compatible with VT200/220/300/400 only
- Environmental protection to IP65
- **Optional**
  - UL/TUV/UK/China/Japan plug



### APPLICATIONS

- Truck scales/weighbridges
- Warehouse scales
- Loading bays
- All outdoor weighing applications

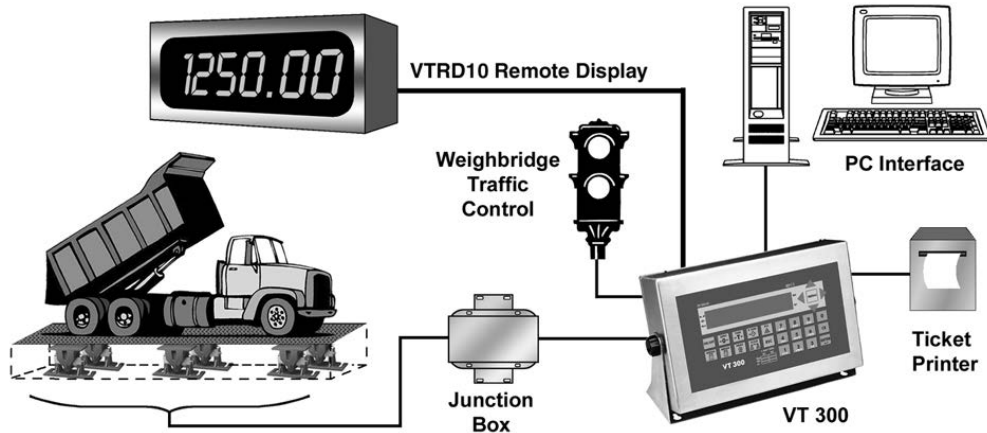
### DESCRIPTION

VPG Transducers' RD10 is a compact, digit-for-digit, high visibility remote display.

The large LED display (57mm digits) and wide viewing angle contribute to ease of reading at long distances. The VTRD10 is environmentally protected to IP65 and is suitable for outdoor use.

A standard serial interface (RS-232 or RS-485 or 20mA current loop) allows easy connection between the local indicator and the VTRD10 at distances up to 600 meters (RS-485). The VTRD10 is fully compatible with our Weight Indicator Models 200, 220, 300, and 400.

### CONFIGURATION



### Analog Junction Box

#### SPECIFICATIONS

##### DISPLAY AND SERIAL INTERFACE

**Display**

6 digits, LED, high visibility (57 mm, red)

**Serial Interface**

RS-232 or RS-485 or 20 mA current loop, terminated with screw type terminals

**Baud Rate**

DIP switch selectable 1200, 2400, 9600, 19200 baud

**Character Format**

DIP switch selectable

- a) 7 data bits, even parity, 1 stop bit
- b) 8 data bits, no parity, 1 stop bit
- c) 8 data bits, even parity, 1 stop bit

**Distance**

RS-232 and 20 mA current loop = 50 meters  
RS-485 = 600 meters

##### ENVIRONMENTAL

**Operating Temperature**

-10°C to +40°C (14°F to 104°F)

**Storage Temperature**

-20°C to +55°C (4°F to 158°F)

**Relative Humidity**

90% RH max., non-condensing

##### ELECTRICAL

**Voltage**

115/230 VAC +10%, 50–60Hz

**Power**

7W max.

##### ENCLOSURE—STAINLESS STEEL

**Dimensions**

328.3 x 72 x 40 mm L x H x D

**Protection**

IP65

**Wiring Connections**

Cable glands

##### CE APPROVAL

VPG Transducers is continually seeking to improve product quality and performance. Specifications may change accordingly.