

## Remote Weight Display



### FEATURES

- Large 6 digit Red LED display
- Digit height - 57mm
- Digit-for-digit replication from the transmitting VT indicator
- Communication interface - RS-232, RS-485, or 20mA
- Baud rate and data format - DIP switch selectable
- Compatible with all VT indicators
- Environmental protection to IP65

### DESCRIPTION

Vishay 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.

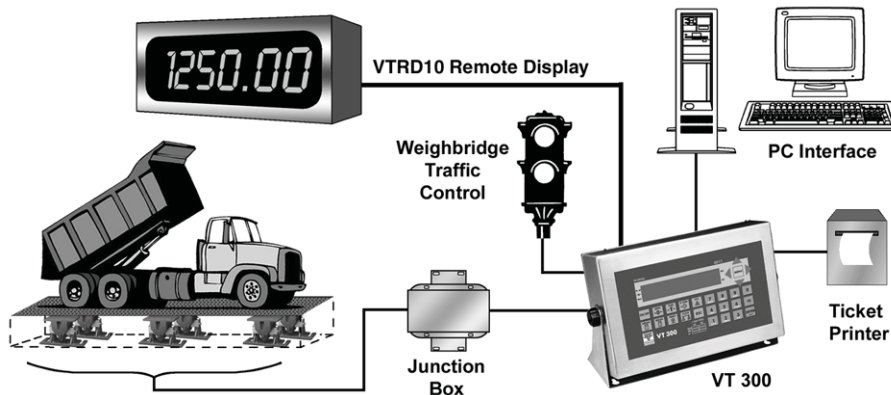
The VTRD10 is environmentally protected to IP65 and is suitable for outdoor use.

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 VT Weight Indicator models 50, 100, 200, 300, 400 and 500.

### APPLICATIONS

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

### CONFIGURATION



### ORDERING INFORMATION

Item Number	Description
VTD10-2100178	Remote weight display



## SPECIFICATIONS

### DISPLAY AND SERIAL INTERFACE

Display: 6 digits, LED, high visibility (57mm, red)  
Serial Interface: RS-232 or RS-485 or 20mA 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 20mA current loop = 50 meters  
RS-485 = 600 meters

### ELECTRICAL

Voltage: 230VAC+10%, 50-60Hz  
Power: 7W max.

### ENCLOSURE

Stainless Steel:  
Dimensions: 328.3x72x40mm LxHxD  
Protection: IP65  
Wiring Connections: cable glands

### CE APPROVAL

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

### ENVIRONMENTAL

Operating Temp: -10°C to +40°C (14°F to 104°F)  
Storage Temp: -20°C to +55°C (4°F to 158°F)  
Relative Humidity: 90% RH max., non condensing

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