



RS232 ports are becoming obsolete and present day computers are supplied only with USB & Ethernet ports. In this situation, it becomes difficult to connect weight indicator with computers on RS232 communication. To overcome this problem, **Antares** has developed a weight indicator with USB port for interfacing with computer USB port.

Features

- USB device port for linking with computer
- Two Communication Ports
- Three Step Software Calibration for accurate weight display
- Smart Calibration to correct small errors in weight display
- Password Security
- Calibration Security Hardware Lock
- View Calibration Result
- Auto Zero Tracking & Weight Tracking
- Zero Band Control to reduce effects of structure errors on weighments.
- Zeroing Limit Field Settable as 4% of scale capacity or lower
- Serial Port Testing to test if serial port hardware on indicator is ok.
- Option of Graphical LCD is also available with the weight indicator. It gives a smart look to the indicator & adds some value added features.
- RF communication is built to connect remote score board display (Wireless Communication)

APPLICATION

- Weighbridge
- Industrial Scales

Specifications

Micro Processor

- 32 bit Processor

Processor Clock

- 50 MHZ.

Power Supply

- SMPS with EMI/RFI filter and Spike Suppressor

A/D Converter

- Sigma Delta type 24 BIT ADC

Conversion Speed

- Internal 25 samples per second

Load Cell Excitation

- 8V DC with current capability to drive up to 12 load cells of 350 ohm input resistance

Signal Sensitivity

- 1.0 micro volts per division of weight (unit weight)

Keyboard

- 4 Key or optional 16 Key calibrations keyboard

Display

- 240 x 64 mm Graphical Display

Remote Display Port

- To connect optional 1/2inch, 1inch, 2.3inch or 4inch bright red LED display

Serial Port - 1

- Isolated RS-232 serial port for computer interfacing or remote displays

Serial Port - 2

- USB device port for computer interfacing

Indications

- Buzzer for fault and data entry

Fuse

- F1 fuse 2.5 ampere for AC power input

Protection

- RFI/EMI filter for input power
- Spike Suppressor for input transients.

Optional

- 4-20mA Output

GLCD WEIGHT DISPLAY FORMAT



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