

Digital Electronic Truck Scale

Main Features

The digital electronic truck scale consists of digital weighing sensors, digital weighing display controllers, modular load-bearing platforms and other equipment. Digital technology has improved the quality of the truck scale, making it easy to debug, safe to use, simple to maintain, convenient for communication, high degree of intelligence, stronger anti-interference ability, and longer transmission distance.

■ Digital Communication Technology

- ① Adopts RS485 bus technology to realize long-distance signal transmission with a transmission distance of no less than 1000 meters;
- ② The output digital signal reaches 3-4V, which has strong anti-interference ability and improves the lightning protection capability of the system;
- ③ The bus structure is convenient for the application of multiple weighing sensors, and up to 32 weighing sensors can be connected in the same system.

■ Intelligent Technology

- ① Prevents tampering with weighing signal values using simple circuits;
- ② Sensor characteristic parameters can be changed according to software instructions;
- ③ Fault automatic diagnosis function with error code prompts.

■ Digital Calibration Technology

- ① Automatically completes the scale's eccentricity (four-corner) calibration in one operation;
- ② Can modify the range coefficient and zero value of the scale as needed, ensuring consistent coefficient and zero parameters for each sensor.

SCS Series Analog Electronic Truck Scale

Applications & Features

Applications: Suitable for full-vehicle weighing of conventional vehicles, widely used in material trade, stations, docks, industrial and mining enterprises, transportation and other industries.

Contact us to get all related brochures

yz@zfita-ind.com