

Weighing indicator



NDS1 Digital Weighing Indicator is suitable for static weighing systems such as electronic platform scales, electronic truck scales, and static rail scales that use 1 to 16 digital sensors.

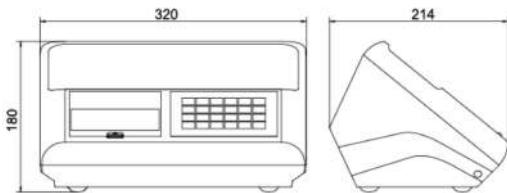
When paired with the "TS2" IoT encryptor, it enables offline cloud encryption, enhancing system security.

Features:

- Equipped with multiple anti-cheating functions for comprehensive measurement security protection
- Can be connected to light curtains, card readers, barriers, traffic lights, etc., to form a simple unattended system
- Various expansion interfaces, including 4 – 20mA, switch signals, and wireless large-screen interfaces can be added optional.

Standard Function

- Compatible with multiple protocol digital Load cells
- Automatic/semi-automatic/manual corner adjustment
- Digital sensor communication address modification function
- Individual Load cell data viewing function
- Two-range division value automatic switching
- Non-linear correction and calibration error correction functions
- Electronic sealing function
- Storage/check/deletion/power-off protection of weighing records
- Can store 1,024 vehicle license numbers and tare weights, 255 cargo codes, 255 customer codes, 255 remark codes, and 4,096 weighing records
- Equipped with three independent full-duplex UARTs for connecting to computers, PLCs, and other devices, with multiple communication options
- Equipped with a current-loop large-screen communication port and a standard parallel printing interface
- Equipped with one switch input and one switch (relay) output interface



Specification

Technical Parameter		Large-Screen Display Interface	
Accuracy class	III	Signal	20mA current loop
Digital Load cell Connection		Baud rate	600
Connection method	RS485, compatible with 4/6-wire systems	Transmission distance	≤1,000 meters
Communication distance	~1,000 meters	Printing Interface	
Number of connections	1-16	Compatible with wide-line printers	
Load cell power supply voltage	DC 10V	Thermal micro-printers	
Serial Communication Interface (Standard configuration)		Power Supply	
Port 0	RS232	DC power	220V
Port 1	RS485		External battery 12V/7Ah
Port 2	RS232		