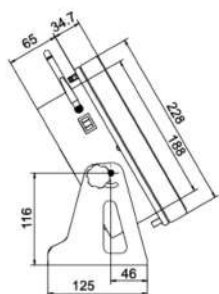
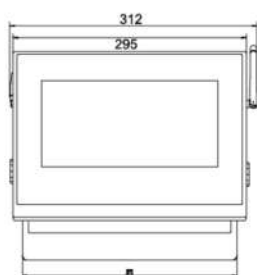


Weighing indicator



NDS2 Digital Weighing Indicator is an IoT-enabled smart weighing device with a 10.2-inch LCD display. When paired with “Scale Manager” software, it enables remote management of weighing records, real-time monitoring of system health and security status, remote diagnostics, and other IoT functions. It can drive cameras, light curtains, card readers, barriers, and traffic lights to form an intelligent weighing system centered on the indicator.

Features:

- 10.2-inch (1024 × 600) full-screen display, intuitive and concise
- Equipped with multiple anti-cheating functions for comprehensive measurement security protection
- Features health monitoring functions and big-data weighing pattern analysis to ensure scale health
- Supports own programmable system and allows custom smart weighing control processes via programming software, supporting over-the-air (OTA) updates
- Can connect to cameras, light curtains, card readers, barriers, and traffic lights to form an intelligent weighing system (e.g., unattended systems, control systems, etc.)
- Standard interfaces include Ethernet, USB, switch signals, and audio ports

Standard Function

- Compatible with multiple protocol digital Load cells
- Automatic/semi-automatic/manual corner adjustment
- Digital Load cell 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 4,096 weighing records, 1,000 vehicle license numbers and tare weights, 100 cargo names, 255 customer names, 255 remarks, and 1,000 extended information entries
- Equipped with a current-loop large-screen communication port and a standard parallel printing interface
- Equipped with a USB communication port (configurable with Modbus protocol)
- Equipped with an Ethernet port (standard MODBUS-TCP interface)
- Features three independent full-duplex UARTs for connecting to computers, PLCs, and other devices, with multiple communication options

Specification

Technical Parameter		Serial Communication Interface (Standard configuration)	
Accuracy class	III	Main port	RS232/RS485 (Optional)
Digital Load cell Connection		Secondary port	RS232
		Expansion port	RS232
Connection method	RS485, compatible with 4/6-wire systems	Standard configuration	USB 2.0 interface
Communication distance	~1,000 meters	Standard configuration	Bluetooth 3.0 interface
Number of connections	1-16	Printing Interface	
Load cell power supply voltage	DC 10V	Compatible with wide-line printers	
		Thermal micro-printers	
		Power Supply	
		AC power	220V
		DC power	External battery 12V/7Ah