



Full Digital Function Specifications

- Digital Transmission – HB-8260 can be composed with those digital products as below:
 HB – DLC HB Digital Load Cell
 HB – SDJB-4P 4-channel Smart Digital A/D Conversion Unit (can be connected 1 to 4 LCs)
 HB – SDJB-8P 8-channel Smart Digital A/D Conversion Unit (can be connected 5 to 8 LCs)
 Whether new or former weighing systems, using HB-8260 series products can help you meet full digital weighing system demand with less cost.
- Stable Performance – the weight value signal transform to digital signal in the weigher side then convey to the HB-8260; it is different from traditional weighing system trans messages via weak analog signal. Therefore HB-8260 enhances the ability of anti-interference and transmission distance; the weighing system becomes more stable.
- Convenient Calibration – Each LC of the multi-LCs weighing system does digital transmission itself; it is different from traditional weighing system's LCs parallel connection and decreases the difficulty in calibration substantially.
- Easy Repair – Each LC's load point has it's own weight value indication in the multi-LCs weighing system; therefore the user can differentiate the weighing system's deviation or LCs' bug. It is convenient to maintenance and repair.
- Multi-Matching – The Smart Digital Junction Box can be connected with any brand, kinds of Analog Load Cell then upgrade the traditional Analog weighing system to Digital weighing system directly.
- Data Collection – The HB-8260 is provided with DATA Logger design, the DATA Logger design can analyze and online detect by collecting each Digital LC's data.
- Smart Detection – The HB-8260 can judge the In/Out bound Truck belongs usual freight-truck, aqua-truck or there is a stiff wind while weighing, to start the related software to make the user can receive stable and accurate Weight Value quickly and effectively.
- Weighing Independently – The HB-8260 is provided with complete and independent Truck Weighing Function--- Single Weighing & Twice Weighing Capacities allow the user can enter ID (Truck's No.), Memory and printout Label. The printout content including of In/Out bound time, Date, Serial No., ID (Truck's No.), Gross, Tare and Net.

Display Specifications

- | | | | |
|----------------------|--|----------------------|------------------------------|
| - Display | 128X64 dot matrix backlight LCD Module | - Gross Indication | ▽GROSS Gross Weight Mode |
| - Weight Indication | 8 digits, 10mm Height | - Display Resolution | 300 ~ 60,000 |
| - Message Indication | 16 digit X 4 line , 5X7 dots digit display | - Tare Indication | ▽TARE Tare Weight Mode |
| - Zero Indication | ▽ZERO Center of Zero (±0.25) | - Net Indication | ▽NET Net Weight Mode |
| - Stable Indication | ▽STAB Weigher is stable | - Setting Indication | ▽FUNC F-FunctionSetting Mode |

Interface Specifications

- CAN BUS Interface: Standard 2 Ports, CAN Port 1 and 2
- PS2 KB: The HB-8260 can be connected with PS2 KB for Operation, Entering, Calibration and co-work with the Mainframe's Keyboard.
- Centronics Parallel Interface: (OP-01, Parallel Port) for printer
- Type of Interface: Centronics Parallel Interface
- Signal Level: TTL-Level
- DIO Interface: (Standard 1 Port, DIO Port 1) & (OP-02, DIO Port 2)
- External Input Signals: 4 points of DI, Contact input or open-collector input isolated with photocouplers.
- External Output Signals: 4 points of DO, open-collector output isolated with photocouplers.
- Control Mode: Mode 0: User Defined I/O Mode Mode 1: Hopper Charge Mode
 Mode 2: Hopper Discharge Mode Mode 3: Truck Scale I/O Mode
- Analog Interface: (OP-03, AO Port)
- Conversion Method: 14 bits D/A Conversion
- Signal Accuracy: 1/10000
- Driving Capability: 4-20MA : 350Ω Load (Max)
- RS-232 Interface: (Standard 1 Port, Serial Port 1) & (OP-04, Serial Port 2)
- RS-485 Interface: (OP-05, Serial Port 2)
- USB Interface: (OP-06, Serial Port 2)

Patent



Patent No.
Z264187



Patent No.
ZL200520005835.2



Patent No.
M281169



Patent No.
ZL200520005833.3



Patent No.
M281168



Patent No.
ZL200720305050.6



Patent No.
M334321



Patent No.
ZL200620114956.5



Patent No.
M304656



Patent No.
PCT/CN2005/000646

i SCALE