Jiangxi Zonjli High-Tech Co.,Ltd.

Stock Code: 838082

Website: www.zonjli.com

Online Store: http://zonjli.en.alibaba.com

Hot Line: 400-8822-622 Tel: +86-(0791)8213 9900 Fax: +86- (0791)8213 9111

Head Office: NO.579 HuoJu Road, Nanchang Hi-Tech Industrial Development Zone, Jiangxi P.R.China

Xinyu Intelligent Manufacturing Base

Tel: +86-(0790)6860 818

Add: No.755, GuangFu Road, Hi-Tech Industrial Development Zone, XinYu City, Jiangxi, P.R. China.

Guangzhou Branch

Tel: +86-(020)8370 7556 Fax: +86-(020)8370 7562

Add: Room 802,8 floor, Dongzhao Building, No. 515 Dongfeng Middle Road, YueXiu District, Guangzhou, China.

Tianjin Branch

Tel: +86-13752584690

Add:Room 512, Block C, CapitaLand Building, No. 7 Rongyuan Road, Huayuan Industrial Park, Tianjin, China.

Zonjli (Shanghai) Measurement Technology Co., Ltd.

Tel: +86-18979103758

Add:4F, 19 Building, No.1680, Shengli Road, Qingpu District, Shanghai, China.

Technical specifications are subject to change without prior notice, the company reserves the right of final interpretation and modification,

Version Number: 202304



Intelligent Transportation Administer Overloading Technologically

All-scenario Systemic Administer Overloading Solution







Al Measurement Data Service

Jiangxi Zonjli High-tech Co.,Ltd. established in 1999, the headquarter located at Nanchang high-tech development zone, Jiangxi province. Zonjli is a high-tech enterprise of AI metering data service, which integrating R&D,production, sale and service. Zonjli has been committed to depth research and market application of AI metering data in smart, visualization and remote field for more than 20 years. Through science and technology's power to help customer, achieve customer. Zonjli was listed on the New Third Board in July 2016, stock code: 838082.

They All Chose Zonjli















中交云南高速公路发展有限公司 CCCC YUNNAN EXPRESSWAY DEVELOPMENT CO.,LTD.



> 湖北交投科技发展有限公司

中控·SUPCON

and information technology.

In the vice chairman unit of China

Apparatus Association, the deputy

and information technology.

Zonjli's manufacture base is located in Xinyu

city, Jiangxi province, which equip with excellent 5G

city, Jiangxi province, which equip with excellent 5G digital smart production line, can automatically generate production task instruction according to orders. Technicians can remotely monitor production progress and abnormal information on site, to realize online management. The material transportation of whole line uses AGV automatic transfer, automatic welding and automatic spraying, which can realize flexible production. The whole process of product production is strictly compliance with ISO9001 quality system and "5S" on-site management mode, implement quality control of whole process, sales products cover whole china area, and exported to more than 60 countries around the world.

As a leader in China's weighing apparatus industry, Zonjli is the vice chairman unit of China Weighing Apparatus Association, the deputy director unit of China Highway Automatic Weighing Apparatus Professional Committee, the member of China Weighing Apparatus Industry Technical Standard Committee, and the chairman unit of the Jiangxi metering and testing society. Zonjli has been recognized as a national high-tech enterprise since 2006. and has won many honors and qualifications,, such as provincial independent innovation enterprise, first grade honest enterprise, abide by contract and reputable enterprise, advanced enterprise in Nanchang high-tech zone, Jiangxi famous brand product, and national-level "specialized, refined, special and new" little giant enterprise recognized by the ministry of industry



Zonjli Has Been Committed To Ai Measurement Data Services For More Than 20 Years Deeply Cultivate The Fields Of Intelligent Transportation, Intelligent City And Intelligent Manufacturing We Use The Power Of Technology To Achieve Your Digital Dreams Choose Zonjli, Let Ai Measurement Data Serve You Better

PROJECT CASES



Operation of high-speed weighing system transformation project in Jiangxi Province



Non-parking administer overloading non-site law enforcement system project



Vietnam Wanwan Expressway Project



Jiangsu Province cancels the overloading control project at the entrance of the toll station at the provincial boundary of the expressway



Expressway Project



Jiangsu Nanjing-Shanghai Expressway Project

Systematic Governance Of Intelligent Transportation In All Scenarios





Expressways are an important part of the transportation road network. Under the background of canceling provincial boundaries and gradually canceling toll stations at expressway entrances and exits, and realizing open expressway toll collection and intelligent transportation, how to control overloaded vehicles at expressway entrances and exits? Interception, persuasion, monitoring and management, using data such as the weight and license plate of illegal vehicles as the basis for law enforcement and uploading to the supervision or charging platform are important links in the governance of intelligent transportation technology.

Dynamic administer
overloading: 24-hour
uninterrupted
identification of overlimit and overloading
of passing trucks

High efficiency in
administer overloading:
dynamic weighing
technology, efficient and
fast collection of vehicle
axle weight, axle group
weight, vehicle weight and
vehicle speed, etc.

Accurate vehicle recognition:

Accuracy of license plate
recognition: ≥98% during the
day, ≥95% at night, and
equipped with a
supplementary light system

Real-time collection:
there is a video
monitoring and
recording function for
supervising the scene

me collection:
sto

Data storage: collect and store vehicle weighing data, license plates, vehicle pictures and onsite videos, which can be retrieved for law enforcement needs

Over-limit alarm: Onsite over-limit alarm display shows license plate number, total weight, overweight, over-limit rate and other information

Remote management: It can interact with the administer overloading platform for data interaction, and realize remote management and data management of the administer overloading platform

Zonjli is deeply involved in the technology and application of the weighing and administer overloading industry, and provides multi-dimensional overloading solutions for expressway entrances and exits.

Expressway Entrance Prechecking and Administer Overloading System

Achieve the early identification and processing of over-limit and overloaded vehicles, prevent problems such as congestion and danger caused by reversing caused by vehicles entering the entrance, and upload illegal vehicle data to the administer overloading data management platform.

Expressway Expressway Entrance resistance system

Carry out weighing and license plate recognition for transport vehicles, so as to realize the interception, persuasion, law enforcement and uploading vehicle data to the administer overloading data management platform.

Expressway exit re-inspection system

Carry out weighing, license plate recognition, etc. for trucks at the exit of the expressway, realize over-limit and overload recheck, and carry out administer overloading law enforcement for vehicles that have been missed or missed entering the expressway, and upload vehicle and law enforcement data related data to the administer overloading data management platform.





National/provincial/county road non-stopping administer overloading off-site law enforcement

Open highways such as national highways, provincial highways, and county roads are an important part of my country's transportation network, and are also important routes in the transportation process of freight vehicles. Vehicles traveling on national/provincial/county roads are inspected for over-limit and overloading. Under the requirements of intelligent traffic construction for off-site control and law enforcement of over-limited and overloaded vehicles, Zonjli provides a highway non-stop over-limit detection system, which realizes highspeed collection of driving vehicle weight, license plate, speed and vehicle photos, and can be uploaded to the over-limit control system. The management platform provides law enforcement basis for law enforcement departments such as road administration and supermarket management centers and punishes illegal vehicles.

Wide range detection: truck speed range 0.5km/h ~ 100km/h

Accurate measurement: JJG907 accuracy level 5, to achieve more accurate measurement and detection of the weight of cargo vehicles

Accurate vehicle dentification: the number of axles and vehicle type classification detection accuracy is greater than or equal to 95%, and the detection error of axle distance is ≤±15cm

Cross-lane recognition: crosslane recognition rate ≥ 95%

with cross-road, reverse, seam pressing, emergency braking, rapid acceleration, emergency stop, stopand-go, etc.

Abnormal judgment:

Full law enforcement data: 1 panoramic image of the front, side, and rear of the vehicle, 5s video, etc.

Remote management: Illegal vehicle data can be stored and uploaded to the administer overloading management platform to realize off-site law enforcement and manageme

On-site collection system

Including non-stopping weighing, highdefinition capture, vehicle division, information and intelligence display, real-time road monitoring system, etc.

platform docking and remote law enforcement

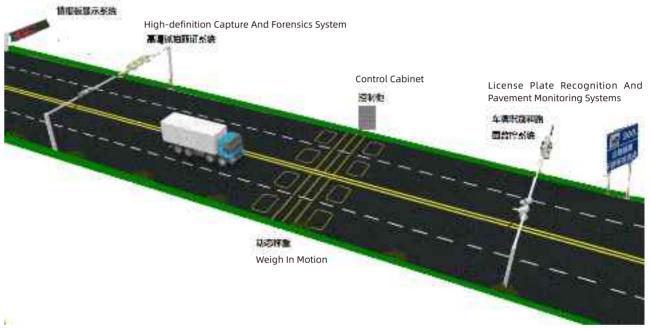
length and width Height, license plate picture, weight of over-limit and overload conditions, axle

Data Management Platform

Achieve the detection of driving vehicles without

stopping and without deceleration, data collection.

Information Board Display System





Bridge urban areas overpasses non-stopping administer overloading off-site law enforcement

Bridges are an important part of the road network to ensure smooth road connections across water canals. Urban elevated roads are an important traffic network to quickly improve urban traffic efficiency; , Freight vehicles on urban elevated roads do not stop and do not slow down detection, realize weight data collection and docking with the overtaking control platform, meet the off-site law enforcement management of illegal vehicles by the urban administer overloading center, and effectively prevent overweight and overloaded vehicles from passing bridges and entering urban elevated roads , Cause road damage or danger or even traffic accidents, reduce bridges and urban elevated operation and maintenance costs, and build urban intelligent traffic.

Wide range detection: truck speed range 0.5km/h ~ 100km/h

Accurate measurement: JJG907 accuracy level 5, to achieve more accurate measurement and detection of the weight of cargo vehicles

Accurate vehicle dentification: the number of axles and vehicle type classification detection accuracy is greater than or equal to 95%, and the detection error of axle distance is ≤±15cm

Cross-lane recognition: crosslane recognition rate ≥ 95%

with cross-road, reverse, seam pressing, emergency braking, rapid acceleration, emergency stop, stopand-go, etc.

data: 1 panoramic and rear of the vehicle, 5s video, etc.

Remote management: Illegal vehicle data can be stored and uploaded to the administer overloading management platform to realize off-site law enforcement and manageme

On-site collection system

Including non-stopping weighing, highdefinition capture, vehicle division, information and intelligence display, real-time road monitoring system, etc.

Weighing Control Cabinet Spherical Snap Camera 情报板 抓拍像机 Snap Camera Information Board 隔离带 Isolation Zone 抓拍像机 Snap Camera 情报板 1 抓拍像机 Snap Camera 球机0 Information Board 称重传感器 Spherical Snap Camera Load Cells

Data Management Platform

Achieve the detection of driving vehicles without

stopping and without deceleration, data collection,

platform docking and remote law enforcement

length and width Height, license plate picture, weight of over-limit and overload conditions, axle

type, speed, etc.

Abnormal judgment: Full law enforcement image of the front, side,

11 www.zonjli.com www.zonjli.com 12



Stationary Administer Overloading Station

Overload control inspection station is a specific place where the state implements weighing inspection, identification of overweight and overloading, correction and investigation of illegal acts in order to control vehicle overweight and overloaded transportation. It is a law enforcement facility for road protection. Zonjli's stationary over-limit and overload detection system can realize the detection and law enforcement of stationary administer overloading stations.

The system uses a computer to manage the detection data and configure the data platform software to realize automatic and intelligent detection of over-limit vehicles by automatically separating vehicles driving in the lane, intelligently distinguishing vehicle models, automatic weighing, and detecting overloading; improving detection efficiency and accuracy High efficiency, wide range of use, long service life and easy maintenance.



Convenient data query: it can be queried based on input vehicle information, time overrun tonnage

Data statistics export:

Custom conditions can be used for statistics and export, and the printing of over-limit detection data into a record sheet

weight, overrun rate, time and date

Hierarchical management of the system: users can be added, deleted, modified, and the permissions of corresponding testing personnel and operation logs can be set



The process can be traced: the detection process video, picture archive preservation

Strong compatibility: do
not change the
measurement process and
reports of the original
enterprise, seamless
docking

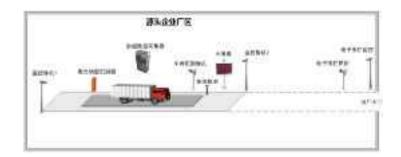
Blacklist setting: illegal vehicle blacklist setting

> Detection accuracy: static level III

Source Enterprise Administer Overloading

Zonjli's source overhaul detection system can collect key information such as material, weight, wheel axle, license plate, driver, freight company and source of the company's cargo vehicles, and intelligently judge whether it is overloaded according to the vehicle's weight and axle type. And the main detection photos, license plate, weight, number of axles, whether overrun and other information are uploaded to the road overloading supervision platform in real time, effectively curbing overloaded vehicles from going on the road.

The system uses a computer to manage the detection data and configure the data platform software to realize automatic and intelligent detection of over-limit vehicles by automatically separating vehicles driving in the lane, intelligently distinguishing vehicle models, automatic weighing, and detecting overloading; improving detection efficiency and accuracy High efficiency, wide range of use, long service life and easy maintenance.



13 www.zonjli.com www.zonjli.com 14



Vehicle-type Intelligent Administer Overloading Dynamic Weighing System

Zonjli vehicle-type intelligent administer overloading dynamic weighing system products are mainly used in source overcrowding detection, high-speed entrance pre-inspection and control, high-speed toll station entrance resistance, expressway exit re-inspection, fixed overlimit and overload detection, etc. Governance scene.

The system mainly consists of a vehicle-type dynamic truck scale (scale body, weighing sensor, junction box group, etc.), an intelligent axle recognition system, an infrared vehicle separator (light curtain), a weighing control cabinet (including a weighing data acquisition processor and communication transmission system) and other major modules, to realize the collection of core data such as axle type, tire number, axle weight, axle weight, wheelbase, total weight, vehicle speed, etc. and upload them to the toll station or overtaking control system.

Product Features

★ Dynamic and static dual weighing mode

Meet the dynamic/static weighing needs of vehicles, and the staff can flexibly switch according to the traffic flow to improve the efficiency of passing vehicles

★Welding bead non-slip design

Higher raised pattern, better anti-slip effect, effectively preventing the danger of vehicle slipping

★Sealed design around the scale body

Foreign matter in the driveway will not enter the foundation pit, ensuring that the weighing system will not affect the accuracy of vehicle measurement due to foreign matter being stuck

★Independent axle group and vehicle double scale design

It can continuously follow the car and reduce the interference when following the car, and meet the detection of super long vehicles; improve the accuracy of the total weight, axle weight and joint

axle weight during car following and vehicle inspection

★Axle recognition adopts AI algorithm

Algorithm deep learning to identify vehicle model axle load, wheelbase, axle type, coupling weight and number of tires per axle, accurately and effectively identify vehicle model information.

★ Diversified passing modes

Continuous car following, one car with one pole, one car with one pole and one car with three modes can be switched freely to improve the selectivity and efficiency of on-site passing vehicle

★Flexibly configure data format and upload

Meet the technical requirements of weight-based toll collection for expressway networked toll systems in various provinces and realize data and system docking, realize data compatibility and networking, and reduce data islands

The Main Parameters

Accuracy level: static level III, dynamic level 0.5, 1, 2

Maximum capacity: 100t, 150t

Maximum safe overload: 200%F·S

Allowable passing speed: 0~20km/h

Installation vertical and horizontal slope: ≤2°

Scale Platform Size

Ordinary lane: 3.0/3.2m×18/21/24m

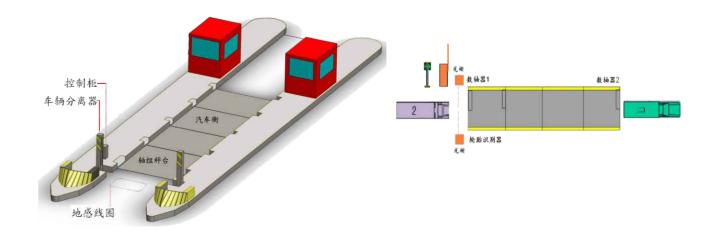
Extra wide lane: 3.4/3.6/3.8/4.0m×18/21m

(customizable)

Working environment: temperature -45~+80°C,

humidity ≤95%RH

Working power: AC 220VAC (-15%~+10%), 50Hz±2%





Axis Group Intelligent Administer Overloading Dynamic Weighing System

Zonjli axis group intelligent overloading control dynamic weighing system products are mainly used in different overloading scenarios such as pre-inspection and control at expressway entrances, resistance at the entrance of high-speed toll stations, and re-inspection at expressway exits.

The system mainly consists of axle group scales (scale body, load cell, junction box group, etc.), intelligent axle recognition system, infrared vehicle separator (light curtain), weighing control cabinet (including weighing data acquisition processor and communication transmission System) and other major modules to realize the collection and calculation of the total weight of each axle or axle group of the vehicle, including models with double-coupling and triple-coupling.

Product Features

★Weighing platform triple axis length design

The weighing platform can stay on the three-axle group models at the same time, and is compatible with the weighing of different axle group models

★Anti-cheating

Based on the design of the three-axis weighing platform, it can identify cheating behaviors such as vehicle braking, point braking, towing scales, vehicle "S" shaped weighing, jumping scales, jacking, etc., effectively reducing weight inaccuracy and losses caused by cheating.

★Simplified structure and convenient installation

Compared with the whole vehicle, the axis group has less construction volume and lower cost, which can reduce installation and construction costs and adapt to complex sites such as slope drainage difficulties

*Axle recognition adopts AI algorithm

Algorithm deep learning to identify vehicle model axle load, wheelbase, axle type, coupling weight

and number of tires per axle, accurately and effectively identify vehicle model information.

★Vehicle identification and detection is accurate

In addition to identifying the axle type, etc., it can also handle reversing, incomplete entry and reversing, to ensure that the vehicle and weight data match and the detection accuracy can reach up to level 1

★ Flexibly configure data format and upload

Meet the technical requirements of intelligent overlimit weighing in the expressway network toll system of various provinces, realize data and system docking and networking, and reduce data islands

★ Fault Diagnosis

The system can self-diagnose and prompt and report the fault location to improve system operating costs and maintenance speed

The Main Parameters

Accuracy level: static level III, dynamic level 1, axis (group) heavy level B, dynamic level 2, axis (group)

heavy level C

Maximum capacity: 60t

Maximum safe overload: $200\% F \cdot S$ Allowable passing speed: $0 \sim 20 \text{km/h}$ Scale platform size: $3.0/3.2 \text{m} \times 4 \sim 6 \text{m}$

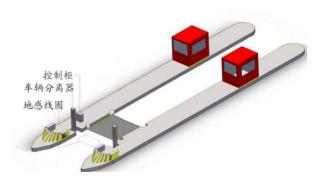
 $3.6/3.8/4.0m \times 4 \sim 6m$

Working environment: temperature -45~+80°C,

humidity ≤95%RH

Working power supply: AC 220VAC (-15%~+10%)

50Hz±2%





Weigh-in-motion Intelligent Administer Overloading Dynamic Weighing System

Zonjli weigh-in-motion intelligent overloading control dynamic weighing system products are mainly used in different overloading scenarios such as pre-inspection and control at expressway entrances, resistance at entrances to high-speed toll stations, and re-inspection at expressway exits.

The system mainly consists of an upturned beam weighing scale body (scale body, load cell, junction box group, etc.), an intelligent wheel axle identification system, an infrared vehicle separator (light curtain), a weighing control cabinet (including weighing data acquisition and processing device and communication transmission system) and other modules to realize the acquisition and calculation of the total weight, axle type identification, time recording, etc. of each axle or axle group of the vehicle, and upload the vehicle data to the charging or overtaking system in real time.

Product Features

★ Single platform weighing platform design

Can effectively reduce on-site civil construction and easy installation, strong versatility, improve economic benefits and convenience of operation and maintenance

★Upturning beam scale body, sensor high installation design

The sensor is installed above the ground without being soaked in water, which improves the life of core components and reduces maintenance costs

★ Sensor sampling unique algorithm

The independent sampling of the sensor is not

affected, and the driving direction of the vehicle can be identified

★Anti-corrosion design

Use epoxy zinc-rich primer and acrylic polyurethane topcoat with grilling process to improve anticorrosion performance and protect equipment

★Dynamic weighing

Use dynamic weighing to improve weighing efficiency, improve on-site traffic efficiency and reduce congestion

The Main Parameters

Accuracy level: static level III, dynamic level 5

Single axis maximum weighing capacity: 30t

Maximum safe overload: 200%F·S
Allowable passing speed: 0~20km/h
Scale size: 3.2m×0.8m, 3.5/4.0m×0.8m

Working environment: temperature -45~+80°C, humidity ≤95%RH

Protection level: instrument IP65, sensor Ip68

Working power supply: AC 220VAC(-15%~+10%)50Hz±2%





Flat Type Non-stopping Weighing System

Zonjli flat type non-stopping weighing system is mainly used in different overloading scenarios such as non-stop over-limit detection on highways.

The system is mainly composed of several modules such as a modular flat weighing platform, load cells, signal collectors, and high-speed dynamic instruments; in order to solve the high-speed vibration caused by the many weight transfer links of ordinary flat plates and the free support of sensors in the high-speed weighing process to solve the problem of low weight accuracy, Zonjli's flat type weighing platform adopts a pre-tightening force structure design, and loads the pre-tightening force through the sensor so that the initial state is in a tight state, and eliminates the gap between the sensor and the weighing platform to improve high-speed weighing. The response speed and precision of resampling provide accurate and precise weighing data for non-stop over-limit detection.

Product Features

★Weighing platform pre-tightened flat design

Patent ZL 2021 2 1231612.3 enables the weight of the vehicle to be directly applied to the sensor and improves the dynamic high-speed weighing response and reduces the impact of moving parts on the scale body, ensuring the sampling accuracy and life of the weighing system to achieve more accurate and reliable overloading control

★ Driving Abnormal Recognition

Able to identify cross-track, S-shaped, parallel, unloading, pressure line, retrograde

★ Easy installation and maintenance

It is suitable for roads of various grades such as asphalt and concrete. When the road surface is intact, it does not need to be hardened. The high-strength grouting material can reach C50 strength within 24 hours of pouring, and the closing time of single-lane construction can be shortened by 48 hours, thereby reducing installation investment, construction time, and traffic time.

★The load cell is easy to replace

Load cells can be replaced individually within 2 hours, reducing maintenance costs and maintenance lane closures

The Main Parameters

Accuracy level: static level III, dynamic level 5, 10 Single axis maximum weighing capacity: 40t

Maximum safe overload: 150% F⋅S

Allowable passing speed: 0.5~100km/h

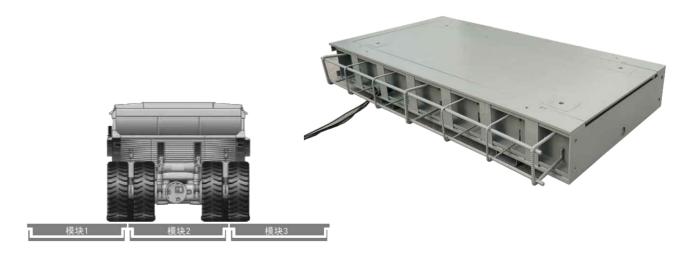
Scale size: 0.8m×2.25/2.0/1.75/1.5m (can be customized)

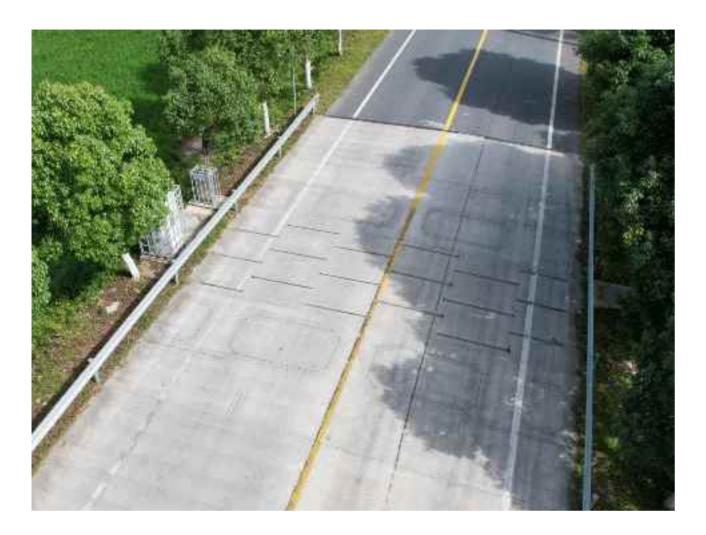
Cross-track recognition rate: ≥95% Shaft type recognition rate: ≥99%

Working environment: temperature -45~+80°C, humidity ≤95%RH

Protection level: cabinet IP65, sensor Ip68

Working power: AC 220VAC (-15%~+10%)50Hz \pm 2%





Narrow Type Non-stopping Weighing System

Zonjli's narrow type non-stopping weighing system is mainly used in different overrunning scenarios such as non-stop over-limit detection on highways.

The system is mainly composed of modular narrow strip sensors, signal collectors, high-speed dynamic instruments, etc.; the narrow strip sensor is on a narrow and slender elastic body, and multiple sensor deformation zones are precisely processed, and strain gauge packaging is arranged in the deformation zone When the wheel passes through the narrow strip sensor, the strain gauge pasted on the elastic body feels the dynamic strain, and the Wheatstone bridge composed of it generates a voltage signal proportional to the wheel load, and finally the high-speed dynamic instrument The processed vehicle weight data is connected to the non-stop detection system.

Product Features

★ Compact scale structure

Can be embedded in the road surface installation, grouting material filling, easy and fast installation

★ Integrated structure sensor

The sensor has multiple seals, no moving parts, and is glued to the road surface with good weather resistance, no need to set up drainage ditches

★Sensor horizontal design

Horizontal design with excellent consistency and no

weighing dead zone

★Sensor arrangement in 3 rows

The axle can be weighed multiple times to improve weighing accuracy and performance

★ Sensor alloy steel material

High manufacturing strength, strong overload capacity, high fatigue resistance, long service life and reduced maintenance costs

The Main Parameters

Accuracy Class: Dynamic Class 5, Class 10
Single axis maximum weighing capacity: 40t

Maximum safe overload: 150%F·S
Allowable passing speed: 0.5~100km/h
Installation method: road groove installation

Scale platform size: 0.8/0.9m×50mm Shaft type recognition rate: ≥99% **Working environment:** temperature -45~+80°C,

humidity ≤95%RH

Protection level: cabinet IP65, sensor IP68
Working power supply: AC 220VAC (-15%~+10%)

50Hz±2%





Quartz Type Non-stopping Weighing System

Zonjli quartz type non-stop weighing system is mainly used in different scenarios such as non-stop over-limit detection on highways. The system is mainly composed of ground sensing coils, quartz sensors, charge amplifiers, high-speed dynamic instruments, etc. After collecting and weighing the passing vehicles on the road, the weight data is connected to the non-stop overrun detection system; the quartz sensor is packaged by quartz crystal sheets as required in the quartz sensor shell, after applying sufficient pre-tightening force, the encapsulation piece is welded and sealed with the shell; when the load is applied, the quartz crystal disc inside the sensor generates a charge signal, which is collected by the electrode plate, and then passed through a lownoise simultaneous sensor. The shaft cable is output to the charge amplifier for processing, and after the sensitivity is normalized, it is converted into an electrical signal in proportion to the high-speed dynamic instrument and converted into weight data to be connected to the non-stop detection system.

Product Features

★Small structure size of weighing platform

Embedded road installation, epoxy resin glue, easy and fast installation

★Integrated structure sensor

The sealant is installed directly in the pavement without the need for gutters

★The sensor is stable

The quality of quartz crystal is stable, the dynamic response is fast, the temperature drift is less, and

the metering performance is more stable for long-

★Sensor arrangement in 4 rows

The axle can be weighed multiple times to improve weighing accuracy and performance

★ Sensor alloy steel material

High manufacturing strength, strong overload capacity, high fatigue resistance, long service life and reduced maintenance costs

The Main Parameters

Accuracy Class: Dynamic Class 5, Class 10
Single axis maximum weighing capacity: 40t

 $\textbf{Maximum safe overload:}\ 150\% F{\cdot}S$

Allowable passing speed: 0.5~100km/h
Sensor service life: ≥30 million axis times

Sensor size: 2/1.75/1.5/1m×55mm

Shaft type recognition rate: ≥99%

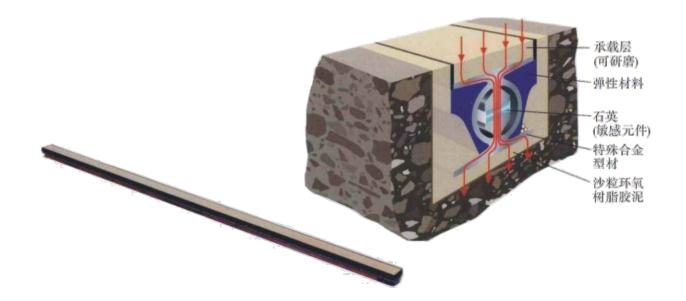
Working environment: temperature -45~+80°C,

humidity ≤95%RH

Protection level: cabinet IP65, sensor IP68

Working power: AC 220VAC (-

15%~+10%)50Hz±2%





Al Administer Overloading Data Management Platform

Zonjli data management platform is mainly used in different administer overloading scene such as expressway entrance and exit control, national/provincial/county road non-stop off-site law enforcement, bridges, urban elevated non-stop off-site law enforcement, stationary administer overloading stations, and source administer overloading scene.

Provide a comprehensive data management platform for the management departments of provinces, cities, counties, and stations, and realize scientific and technological overloading control through digitalization of the management center, remote law enforcement, and site/person/vehicle/testing data management within the domain.

The system is mainly composed of various scene subsystems for controlling overloading, site management, real-time monitoring, off-site law enforcement, data query, data analysis, video monitoring, black and white lists, and overloading APPs, etc.

Product Features

★Site management

Realize the query and positioning function of data information of off-site law enforcement stations in the domain

★ Real-time monitoring

Real-time monitoring of vehicle traffic at each site and uploading of its data, support for overloaded vehicles to implement alarms through red text and voice prompts.

★ Off-site law enforcement

Conduct off-site law enforcement process operations such as review and handling of over-limit and overloading cases, and automatically generate legal documents.

★ Data query

Provide on-site law enforcement weighing detection data historical record query, and support query conditions such as time range, equipment/license plate number, lane number, total weight range, overload weight, axle number range, overload rate, vehicle speed, whether to cross lanes, vehicle direction, etc. Perform queries and report exports.

★ Data Analysis

Statistical analysis of various classifications for overrunning data, such as statistical analysis of stations, vehicle types, traffic, and overrun rate

★Black and white list

Provides the query function of vehicles, blacklisted time and reasons, etc., and the number of overloaded vehicles exceeds the limit value and is automatically added to the blacklist

★Video monitoring

Real-time video monitoring and preview management of each overrun detection site, supports screen segmentation, full-screen display, etc., and supports operations such as adding, modifying, deleting, and querying

★ overloading control App

Law enforcement station managers can log in to the app to view station equipment, historical vehicle passing data, over-limit and overloading case data and handling cases under the account

Feature Of Product

★Access to overloading control site

Access the detection data of various (non-stop overrun detection points, stationary administer overloading points, and source administer overloading points) control scene detection data to realize unified remote management and law enforcement

Realize data storage against super points, which is convenient for later query and call data analysis

Support intelligent analysis of overloaded data, ensure the effectiveness of penalties, and reduce the workload of manual review

★Intuitive display

The multi-dimensional hyperglycemic data are clearly displayed through histograms, breakpoint curves, and pie charts for better data

viewing and experience

★ Interdepartmental system access

Support access to transportation and other data, inter-departmental data exchange and copying of illegal and over-limit information to improve communication efficiency

★ Intelligent law enforcement process

Full-process digital law enforcement, realizing one-click generation of law enforcement documents

★ Support multi-dimensional administer overloading

Supports one-overrun-four-penalties and blacklist functions to improve the efficiency of supervising