Construction Waster Vehicle Intelligent Managing System

The construction waster vehicle intelligent managing system mainly includes vehicle status detecting instrument and many kinds of load cells and monitoring service platform, can realize real-time monitoring the vehicle location, speed, carriage status during the construction waster truck running, can realize all directions monitoring to the related qualification approval, route planning, illegal behavior monitoring and running datum of the construction waster truck.

Connect to ZEMIC Networking monitoring service platform can help governmental department or construction waster vehicle operation company to control and manage the running status of the construction waster trucks.



Products function and features

Products functions	Products features
1. Detect vehicle under heavy unloaded status; 2. Detect carriage lifting status; 3. Detect vehicle top cover open-close status; 4. Real-time detect vehicle location and upload to the managing platform; 5. On board display can display the vehicle running status and load cell testing result; 6. Anti-cheating: If users cheating, the system will alarm and control the illegal behaviour ; 7. System self-checking: When the system is facing malicious damage, alarm system will run automatically. 8. Driving record: Record and transfer the datum like vehicle driving time, location and route etc., and control remote management according to the requirement; 9. Video monitor: The camera will collect, record and transfer the status of the specific part or structure of the vehicle and the operational activities of the driver. 10. Query statistics: Query and count the vehicle historical driving trace, video record, load data etc. 11. System maintenance: set operation authority, software updating, components management, remote fault diagnosis etc.	1. Intallation will not affect the vehicle's original saftey; 2. Maintenance is simple, all the components can be dismounted and changed separatly and quickly; 3. Adopt redundancy design technology, high accuracy in system judgement; 4. With very good expansibility and compatibility; 5. Remote service platform is easy for products maintenace and service in later stage; 6. Suitable for many kinds of brand three axles, four axles self-dumping truck, with strong universality.

Performance

Name	Unit	Value
Working voltgge range	Vdc	9~36
Working temperature	℃	–30~+70
Storage temperature	℃	–40~+80
Protection class		Detector: IP64； Load cell: IP67

Model configure

Configure \ Model	ZZTC-A	ZZTC-B	ZZTC-C
Construction waster vehicle status detector	1 Set	1 Set	1 Set
Heavy unloaded load cell	1 Pcs	1 Pcs	0
Load cells with switching top cover	1 Pcs	1 Pcs	1 Pcs
Lift load cell	1 Pcs	1 Pcs	1 Pcs
Monitoring unit	1 Set	0	0
On board display	1 Unit	0	0