Commercial Vehicle (Truck) Overload Alarm System

Commercial vehicle (Truck) overload alarm system mainly includes on board weight detecting instrument, on board display and load cells, which can realize on board weighing of the goods on commercial vehicles. The users can set overload alarm parameters according to their management requirement, to realize audible and visual alarm.

Connect to ZEMIC vehicle networking monitoring service platform can realize remote real-time monitoring.

Suitable for two axles, three axles and four axles' lorry.





On board display

On board weight detecting instrument



Load cells

Products function and features

Products Functions	Products Features
1. Real-time monitoring vehicle cargo weight; 2. Overload alarm: Weight threshold is settable; 3. Real-time monitoring vehicle location and upload to management platform; Connect to ZEMIC Vehicle networking monitoring service platform, can realize following functions: a)Driving record: Record and transfer the datum like vehicle driving time, location and route etc., and control remote management according to the requirement; b)Operation record: During operation of the vehicles, the critical parameters like cargo weight, driving speed will be collected by load cells and upload to the platform. c)Query statistics: Query and count the vehicle historical driving trace, video record, load data etc. d)Remote upgrade maintenance.	1. Do not need to change the vehicle structure and size; 2. Intallation will not affect the vehicle's original saftey; 3. Maintenance is simple, all the components can be dismounted and changed separatly and quickly; 4. It can add more functions according to clients different requirement, has very good expansibility and compatibility; 5. Suitable for many kinds of brand commercial vehicle, with strong universality.

Performance index

Name	Unit	Value	
Combined weighing accuracy	%FS	5	
Weighable range	kg	ZCZS-2C	1000~22000
		ZCZS-3C-A/B	1000~30000
		ZCZS-4C	1000~40000
Display division value	kg	10/20/50/100 Optiona	
Working voltage range	Vdc	9~36	
Working temperature	℃	-30~+70	
Storage temperature	℃	-40~+80	
Protection class		Detector: IP64; Load cell: IP67	

Model configure

Model \ Configure	On board weight detecting instrument	Load cells	On board display
			
ZCZS-2C 	1 Set	3 Pcs	1Unit
ZCZS-3C-A 	1 Set	4 Pcs	1Unit
ZCZS-3C-B 	1 Set	5 Pcs	1Unit
ZCZS-4C 	1 Set	6 Pcs	1Unit