

Kanawha
Scales & Systems

ScaleSide Hardware

for Data Collection Systems

Overview

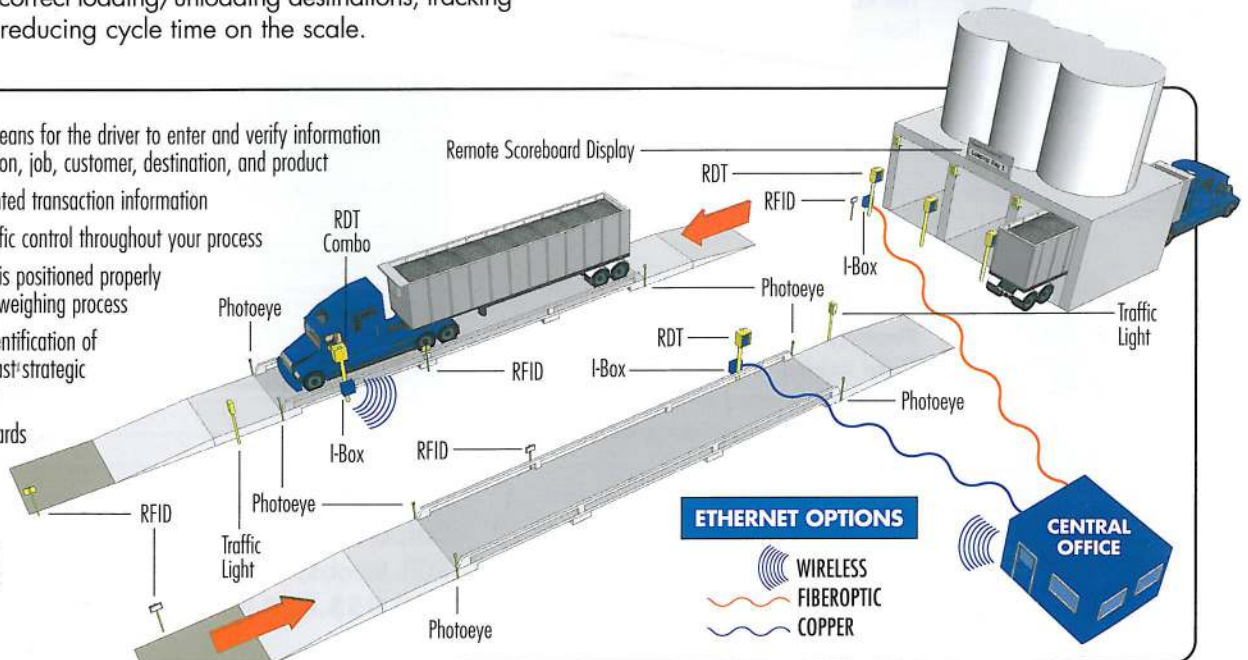
Kanawha Scales and Systems' line of industrial driver interface hardware is the most durable and rugged available on the market today. Designed and manufactured to withstand the most severe weather and operational conditions for years of long-lasting service, our product line includes the highest quality industrial driver interface kiosks, printers, photoeyes, traffic lights, junction boxes and identification devices.

These components are designed to enhance the operation of your **WeighMaster** data collection system, thereby optimizing the flow of truck traffic through your facility. Drivers remain in their vehicle throughout the weighing process, minimizing safety concerns and improving operational efficiency. Industrial kiosks enable drivers to provide information required for the transaction, reducing data entry time and errors. The kiosk can also provide a printed ticket of the completed transaction.

A single **WeighMaster** system can interact with numerous scales and kiosks throughout the facility, providing operational control of truck traffic and centralized collection of data. This allows one operator to monitor your entire operation from a single location. With the addition of kiosks at various locations, additional benefits can be realized, such as verification of correct loading/unloading destinations, tracking of in-yard times, and reducing cycle time on the scale.



- RDT units provide the means for the driver to enter and verify information such as truck identification, job, customer, destination, and product
- Printer units provide printed transaction information
- Traffic lights provide traffic control throughout your process
- Photoeyes ensure truck is positioned properly on the scale during the weighing process
- RFID readers provide identification of vehicles as they drive past strategic locations in your facility
- Remote display scoreboards provide weight data and instructional information to drivers
- Equipment is connected by Ethernet to minimize field wiring



ETHERNET OPTIONS

- WIRELESS
- FIBEROPTIC
- COPPER

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Remote Display Terminal (RDT)

RDT kiosks allow for driver interaction without exiting the vehicle. These NEMA 4 enclosures with integral heater/fan units are mounted at strategic locations throughout your operation. The RDT's industrial keypad, infrared barcode, or proximity card reader provide the means for the driver to interact with the **WeighMaster** to enter and verify transactional information. Its vacuum fluorescent display also instructs the driver how to proceed after the transaction has been completed. The polarized filter lens and sunshield provide excellent viewing in high sunlight conditions.



Remote Ticket Printer (RTP)

RTP kiosks include a high speed, direct thermal ticket printer with cutter bar. After each ticket is printed, the cutter bar cuts the ticket, which then falls into a drop box for easy retrieval by the driver, minimizing paper jams. An integral low paper sensor/indicator is also included to alert of a low paper condition.



RDT-Combination Unit

The RDT-Combo Unit includes all of the features of the above RDT and RTP units conveniently housed as a single kiosk.



Protective Canopies

These rugged, industrial, steel canopies are swivel mounted to protect the kiosks from impacts and environmental damage.



Traffic Lights

Red/Green traffic lights provide control of the truck traffic in your facility. Each traffic light unit is housed in a polycarbonate enclosure and features two 8" diameter red-green lights. The lights are equipped with a sun visor to eliminate washout of the signal under direct sunlight.



Photoeyes

The photoeye sensors are strategically mounted at each end of the truck scale. If either set of photoeyes is blocked by another vehicle, the **WeighMaster** will not allow a weight to be recorded until the both sets of photoeyes are clear. This also assures that the truck is completely on the scale before capturing weight data.



RFID Readers

RFID readers identify trucks by capturing the ID of the tag mounted to the truck and/or trailer. These readers have a range of up to 25' to provide identification without the need for the truck to stop. Typical applications include scales, entry/exit gates, truck dumps, and loading stations.



Intelligent Junction Interface Box (I-Box)

Our weather resistant enclosure provides a safe housing for communication devices. The enclosure also provides power and communications connections for field devices. This eliminates the need for multiple conduit runs back to the scale house or office area. A single wired/wireless Ethernet connection provides the link to the **WeighMaster** system.

Kanawha Scales & Systems, Inc.

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