Drive-780

IND780drive Application Module

The Drive-780 Application provides fully featured vehicle weighing software as a complement to the strengths of the IND780 weighing terminal. This is accomplished through the addition of a hardware key that provides additional setup parameters, vehicle weighing sequences, and traffic light/gate control for single or two pass transactions. Without complex and costly programming, quickly configure database tables, user interface icons, and I/O settings to meet many application needs.

Feature	Customer Benefit
Multiple Scale Control	• Allows for inbound/outbound operation on two scales using one weighing terminal • Allows use of the Sum Scale to process trucks on a multi-axle platform and then print individual axle weights on the ticket
One-pass or Two-pass Operation	• Supports traditional inbound / outbound operations • Allows for gross weight only operation (transient vehicles) • Outbound mode supports two additional fields for comments and notes • Net sign correction provides positive net weight in both shipping and receiving applications
Flexible Database Tables	• Storage of transactional Records and Vehicle IDs through two fixed databases • Default settings of Vehicle ID, Customer, Product, Destination with six user-defined relational tables • Ability to add additional transaction specific information via two variable fields • Speed up operations through multi-level sort and look-up capabilities • Provision for temporary IDs for use with customers not normally part of database • Totalization by vehicle ID or fields within user-defined tables • Index Table links key pieces of information across databases, simplifying operations
Enhanced Table Features	• 99 record Commodity table with commodity conversion factors and totalization provides user with flexibility for customization and tracking • Contract table allows for shipment tracking against a contract value, automatically deducting net weights from a user configurable contract type and table
Tare Expiration	• Allows the user to optionally require a periodic update of vehicle stored tares
Traffic Light/Gate Control	• User configurable control of traffic lights and gates, with flexible default condition • Manual light and gate control via soft-key on terminal keypad • Visual cue on IND780 display provides operator with view of gate and light position
Flexible Ticket Templates	• Default inbound, outbound and transient tickets • 10 total templates provide ability to easily generate multiple, pre-configured tickets based on user requirements • Easily customizable templates via InSite™ template editor
Filling on Scale via Target Control	• Filling control with two-speed, latching outputs • Ability to fill truck on scale to a value based upon target table with fast, simple operator target recall via softkey or QWERTY keyboard • Optional interface to PLC-provided filling controls • SmartTrac™ graphical display provides operator feedback of filling process status • Tolerance checking against user definable limits
User Configurable Softkeys	• Allows user to configure terminal to suit unique vehicle weighing needs based on the types of transactions most commonly used, i.e. single pass, two pass, transient vehicles
Save/Load of Table Files and Configuration via InSite PC Tool	• Allows user to create, back up, and upload to the IND780 terminal configuration information and database information via simple Ethernet connection • Allows for download of transaction files and table database information
Overload Vehicle Check	• Provides operator with ability to program maximum weight threshold with notification of overloaded vehicles, thereby reducing possibility of overloaded trucks inadvertently leaving the facility
Vehicle Positioning Check	• Helps ensure that the vehicle is fully on the scale prior to completing a weighing transaction, thereby assuring correct weight reading is obtained
Multiple Languages	• Allows user to easily select from 5 different languages (English, Spanish, German, French, Italian) for all prompts, messages, and templates