INTEGRATED VISUAL DATA TECHNOLOGY INC.
Solutions that lift your business

SkidWeigh Plus
ED4 Series

Lift Truck Onboard Weighing Scale & Wireless Data Communication Hub + Lan Web Page Application

The SkidWeigh Plus ED4 mobile weighing and vehicle manager is the most comprehensive on-board productivity system available for material handling today. Designed to integrate seamlessly into any operation, the ED4 provides the same +/- 1% accuracy of rated capacity, with two way data connectivity and export, featuring USB interface for data upload by USB memory stick and RF long range 900 MHz license free ISM band operation communication to the base station.
The IVDT's patented data exchange platform available on the SkidWeigh Plus ED4 allows for extensive data import collection, 'Real Time' acknowledgement, custom sorting of events needed and even automatic transfer of data to increase efficiency in required applications. Designed to provide businesses with maximum efficiency the SkidWeigh Plus ED4 utilizes an option suite that includes overloading, impact management, vehicle utilization, safety checks records, overload access control, and scanner connectivity. The system even allows for customized reports to be accessed or sent direct to project managers and stakeholders.

Hydraulic Pressure Transducer
(6 feet cable)

Base Station

Specifications

DIGITAL INDICATOR

- Operating voltage from 12 to 55 VDC
- Operating current 110 mA
- Technology, micro controller
- Real time clock
- Month/Day/Year LCD display
- Hours/Minutes/Seconds LCD display
- Four analog inputs
- USB port
- RF long range module, 900 MHz, FCC Approval MCQ-XBPS3B
- Digi mesh protocol
- Measurement Rate: 16000 samples per session
- English and French languages
- Relay 1, SPDT for external warning
- Relay 2, SPDT for vehicle access

LCD DISPLAY

- LCD display, 2 Lines x 16 characters
- Display size 68 x 27 x 11 mm
- Character size, 6,68 x 2.76 mm
- High contrast LCD super twist display
- Low operational temperature version

KEYPAD

- Keypad 16 key with tactile feedback
- Alphanumeric keys
- Sealed keypad, watertight
- Functions overlay
- Operating temperature: -20 C / + 50 C

ENCLOSURE & MOUNTING BRACKET

- Enclosure ABS, 120 x 80 x 55 mm with clear front plate
- NEMA Type 4X
- Two mounting vibration mounts

Net Weight, 0.6 kg

PRESSURE TRANSDUCER

- Pressure Transducer (Swiss Made)
- Port connection, male 1/4”-18 NPT
- Built in pressure snubber
- Reverse polarity protection
- Over voltage protection
- Short circuit protection
- Housing material, Stainless steel AISI 303
- Weight 95 grams
- Installation, unrestricted
- CE conformity, EN 61326-2-3

Standard Features

WEIGHING ACCURACY
+/-0.1 to +/-1% of vehicle maximum lifting capacity
LOAD MEASUREMENT RANGE
Weighing range up to 99999 lb or kg
OPERATING PROCEDURE
Lift-N-Weigh load weighing procedure
GRADUATION
1, 5, 10, 50 and 100 (default 5)
SYSTEM CALIBRATION
Automatic load weight calibration , password protected
WARRANTY
Two year limited warranty

ORDER NUMBER

ED4

Standard weighing system with TARE function, accumulative load weight total, USB recording and RF module

HARDWARE OPTIONS
Bluetooth module for printer / scanner
RFID card reader
Impact module

OPTIONAL SOFTWARE PACKAGES
OSHA safety check
RFID vehicle operator access control
Keypad vehicle operator access control
Utilization, operational downtime
Freight dimensioning
Recycling application
Impact management
Waybill ID# operator keypad input
Waybill ID# operator input utilizing barcode scanner
Automatic lifted load weight recording
Parts count measurement

1.Electric Pallet Truck Application ORDER NUMBER

ED4-EP

(Lift Accurate Technology)

2. Lift Truck Application for vehicles with hydraulic accumulator ORDER NUMBER

ED4-HA

3. Lift Truck Application

Note:

With number of software and hardware options for ED4 SkidWeigh Plus series, please contact manufacturer / local lift truck dealer for the system configuration that is applicable for your material handling operation.

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