

# KANTAKING

## KK-WI-4500I

KK-WI-4500I is a specially designed weighbridge application intelligent terminal for digital loadcells. Use of pre-calibrated digital loadcells enable fast installation, service support thus increasing overall productivity and reduction in downtime. Features of weighing, data processing, saving, printing makes it a stand-alone utility for public and industrial weighbridges. KK-WI-4500I is robust in nature to withstand harsh environmental conditions. It can operate reliably over a wide temperature range and also in humid weather.



### 4500i Features

- Available to work with pre-calibrated Appalto/Keli DLC's
- Fraud free - input signal from DLC is in digital form, thus manipulation is not possible
- No need of manual cornering using trimpots & calibration with test weights
- Automatic fault diagnosis with warning of particular DLC
- Long Distance between weighbridge room and structure
- Lower division size can be obtained, leading to higher accuracy of scale
- Special OEM specific DLC interlocking
- Working with zemic/ ningbo/ thames side/ flintec or other DLC's (OPTIONAL), features may vary in IIT for these DLC's

Marketed by :

Kanta King

C-25, 2nd Floor, DSIDC Complex, Kirti Nagar,  
New Delhi - 110015, INDIA



### Features

- Sophisticated operations powered by 32 bit ARM processor
- High end protection against lightning and surge using improved SMPS
- Front mount 16 x 2 LCD display and half inch LED display
- Memory of 1 lac data records
- RS232 communication for continuous weight transmission/ modem connectivity
- Pendrive dumping to get data records in softcopy.
- Dot matrix printer connectivity using centronics / USB port
- USB keyboard connectivity
- Simple process for weighments of Tare/ Gross Vehicle weights
- 10 entries in ticket for 25 characters each
- Field settable header, footer, signature lines
- Facility to view/print earlier saved records according to RST no/ Vehicle no
- Net weight printing in words
- Multiple report options
- Dynamic pre-printed setting
- Easy installation setup and its restorable backup into pen drive
- Engineer login for security
- Multiple SMS features for ease of weighbridge owners and clients
- Grain market application feature of Rate, Amount, Binding material deduction
- 4 Code banks with flexibility of settings
- Vehicle type codification for standard weighment charges
- Various features for OEM branding & control

### Applications

- ① Public Weighbridges
- ② Industrial Weighbridges
- ③ Toll Ways

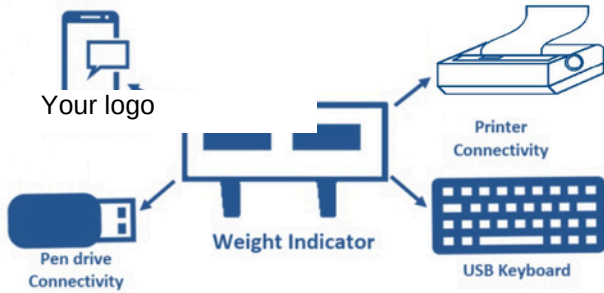
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**VOCAL**  
FOR  
**LOCAL**

## Peripheral

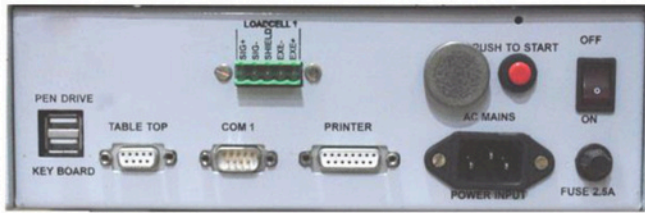


## Optional Features

- GST taxation feature
- Operator logins for 5 operators
- Confidential weighment, to trap unweighed passing vehicles
- Print on selective models of Laser printer
- GLCD Display
- Daily Email feature

Protocols available:  
Open protocol //  
Custom Protocol

## Technical Specifications



### Sample Ticket

ABC WEIGHBRIDGE  
NEW CITY  
INDIA

RST NO : 23      VEHICLE NO : MH 09 AB 1234  
CUSTOMER : SAGAN      MATERIAL : STEEL  
COMMODITY : RODS      SOURCE : NEW CITY  
CHALLAN NO : 9003      DESTINATION : OLD CITY  
ADDRESS : 89/1 A.B ROAD NEW CITY      PHONE NO. : 982751146  
REMARK : NA

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GROSS Wt: 23915 kg      Date: 20/08/2015 Time: 15:26  
TARE Wt: 15880 kg      Date: 20/08/2015 Time: 15:25  
NET Wt: 8035 kg      EIGHT ZERO THREE FIVE kg

Charges (1): Rs. 700      Charges (2): Rs. 500      Charges (total): Rs. 1200

OPERATOR'S SIGNATURE: \_\_\_\_\_

Contact for repairs at tel no \_\_\_\_\_

### Sample Report

ABC WEIGHBRIDGE  
NEW CITY  
INDIA

Page Number: 1

ABC WEIGHBRIDGE  
Report - from RST : 22 To : 27  
For MATERIAL: STEEL

Slp	RST	VEHICLE NO	CUSTOMER	MATERI	GROSS kg	Date & Time	TARE kg	Date & Time	NET kg	CHRG
1	22	PP 09 AB 123	RAHUL	STEEL	15880	20/08/2015 15:25	7949	20/08/2015 15:24	7949	700
2	23	PP 09 AB 123	SAGAN	STEEL	23915	20/08/2015 15:26	15880	20/08/2015 15:25	8035	1200
3	24	KA 29 AB 123	RAHUL	STEEL	23915	20/08/2015 15:26	15880	20/08/2015 15:25	8035	1400
4	25	KA 09 AB 123	RAM	STEEL	15880	20/08/2015 15:29	7949	20/08/2015 15:28	7935	1200
5	27	KA 12 AB 123	AMAN	STEEL	7949	20/08/2015 15:32	10	20/08/2015 15:32	7939	1200
Total									28670	5700

### Pen Drive dumping Screenshot

Processor	32 bit ARM processor
Processor clock	50 MHz
Real time clock	On board battery backed RTC
RTC clock frequency	32.768 KHz
Memory	On board memory to save 1 lakh records
Power supply	SMPS power supply
Input voltage	90V to 270V AC @ 50Hz
Protection	750mA fuse for input AC mains
	Input line filter for EMI and RFI suppression
	Spike suppressor for input transients
	Opto-isolation of signals and
	I/O's for high immunity from electrical noise
Power consumption	10 VA (approx.)
Load cell excitation	13.5V DC with 300 mA current capability
Display	16 characters by 2 line LCD display with backlight
	1/2" LED segment red display to show weight
Keyboard port	101-key with USB connector compatible keyboard (Recommended for use Logitech or Microsoft)
USB Port	USB Port configured for Pen Drive/ DMP printer
Printer port	Isolated Centronics compatible printer port to connect 80-column dot matrix printer for printing of weighment record and reports
Serial port	Isolated RS-232 serial port for continuous weight transfer
Remote display port	Remote display port to connect external display 1/2", 1", 2.3" & 4"
Environment	Operating temperature: 0° to 55° celsius
Humidity	up to 95% RH non-condensing

## Scope of Supply

- KK-WI -4500I
- Power cable
- Load cell connectors
- Printer isolator cable

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