

# KANTAKING

## KK-WI-4500G-Dyl

Kanta King-WI-4500G is a specially designed weighbridge application intelligent terminal to work with digital load cells. Weighbridge Application Intelligent Terminal KK-WI-4500G is featured with powerful electronics designed in modular style. Features of weighing, data processing, saving, printing makes it a stand-alone utility for public and industrial weighbridges. KK-WI-4500G is robust in nature to withstand harsh environmental conditions. It can operate reliably over a wide temperature range and also in humid weather. Graphical LCD display gives an appealing look, clear visibility of weight and other information to KK-WI-4500G.



### Features of 4500G

- Better visibility
- Complete data entered in a weighment becomes visible at a glance during weighment & view ticket
- Field settable GLCD footer field settable in English
- Facility to edit ticket before saving to handle data entry error
- Three choices available for weight font & size
- "Logo" of OEM can be factory set to display at start-up & as a screen saver
- GLCD display header can be any pre-set Hindi /Bangla /Punjabi and Gujarati or field settable English header
- GLCD display footer field settable

Marketed by :

Kanta King

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

Encrypted Dynamic  
Lock provision for  
enhanced protection  
against unauthorized  
access to **SETTINGS**.



### Features

- Sophisticated operations powered by 32 bit ARM processor
- High end protection against lightning and surge using improved SMPS
- Front mount GLCD display with blue backlight
- 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

Protocols available :  
Open protocol //  
Custom Protocol



+91.9560915555



info@kantaking.com



www.kantaking.com





Start-up OEM Logo



Weight Display Choices



Multi Lingual Header, English Footer



Multiple Information on Single View

## KK-WI-4500G 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

## 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

## Scope of Supply

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

## Technical Specifications

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	Graphical LCD display 130X40 mm with blue backlight
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

## Applications

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

Marketed by:

Kanta King

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



+91.9560915555



info@kantaking.com



www.kantaking.com

