

KANTAKING

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Protocol



KK-WI-iTFT

Alpha numeric Digitizer KK-WI-iTFT is a complete weighbridge solution for single weigh platform to work with Digital Load Cells.



TFT Features

- 7 inch multi color TFT screen display
- Bigger weight font display
- Home screen display to show weight, menu icons, date time
- Strong branding with use of Logo, Header, Footer on Home screen
- Menu based user friendly operation, with reduced passwords
- At a glance view during weighment, view ticket, view report
- At a glance view for group of features on a screen

Other Features

- Sophisticated operations powered by 32 bit ARM processor
- High end protection against lightning and surge using improved SMPS
- Memory of 1 lakh data records
- RS232 communication for continuous weight transmission
- Pendrive dumping to get data records in softcopy
- Dot matrix printer connectivity using centronics / USB port
- USB keyboard connectivity
- Menu based operation with reduced passwords
- Engineer login for security
- Better detailed colorful view
- Easy installation setup and its restorable backup into pen drive
- Field settable color themes for overall appearance
- Multiple SMS features for ease of weighbridge owners and clients
- Operator logins for 5 operators
- Confidential weighment, to trap unweighed passing vehicles
- Dynamic pre-printed setting
- Grain market application for rate, amount, deduction
- Code creation facility
- Vehicle type codification for standard weighment charges
- Email feature (optional)
- GST taxation feature (optional)
- Laser printer compatibility (optional)

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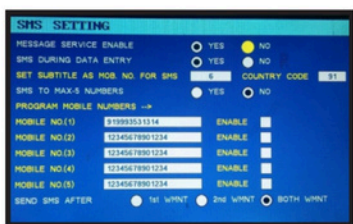




Field Selectable Themes



Menu Based Operation



Advantage of big Screen



Report Screen



Weighment Screen



View On Screen

IIT Features

- Long Distance between weighbridge room and structure
- Lower division size can be obtained, leading to higher accuracy of scale
- Special OEM specific DLC interlocking
- Field settable number of loadcells, upto 16
- Simple and fast Installation
- No need of manual cornering using trim pots & calibration with test weights.
- Automatic fault diagnosis with warning of particular DLC
- Installation report

Technical Specifications

Processor	32bit ARM Processor
Processor Clock Frequency	50 MHz
Real Time Clock	On Board Battery Backed RTC
Memory	Chip based memory to save 1 lac records
Power Supply	SMPS Power Supply
Input Voltage	90 V to 270 V AC @ 50 Hz
Protection	750 mA Fuse for AC mains
	Input line Filter EMI-RFI suppression
	Spike Suppressor for input transients
	Opto Isolation of signals and I/Os for high immunity against electrical noise
Power Consumption	10 VA approx.
Loadcell Excitation	13.5 VDC with 300mA current capability
Display	7" TFT multi colour
Keyboard Port	101 key IBM keyboard (USB type)
USB Port	USB port for connecting pendrive
Printer Port	Isolated Centronics compatible for connecting 80 column dot matrix printer
Serial Port	Isolated RS232 serial port for continuous transmission of weight
Remote Display Port	Remote display port is provided to connect external wired display (0.5" / 1" / 2.3" / 4")
Environment	Operating Temperature : 0 to 55 degree Celsius
	Humidity : up to 95% RH non-condensing

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