

Intelligent Weigh Terminal



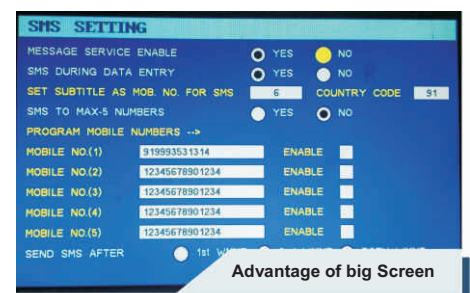
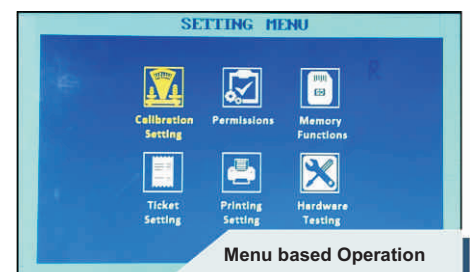
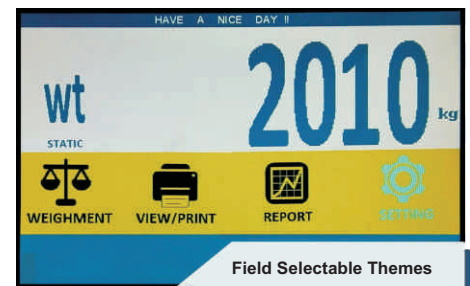
Alpha numeric Digitizer AND – TFT is a complete weighbridge solution for single weigh platform.

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.
- Multi step calibration, smart calibration supported by 24bit ADC.
- High end protection against lightning and surge using improved SMPS.
- Memory of 1 lac 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)



SECOND WEIGHMENT	
RST NO	11040
VEHICLE NO	MP14 AB1202
CUSTOMER	SONYA TRADERS
MATERIAL	M1
COMMODITY	SOYABEAN
SOURCE	GREEN FIELD
CHALAN NO.	
DESTINATION	
ADDRESS	
PHONE NO.	
REMARK	
CHARGES(1)	INS 200
WT.2	19960 kg
WT.1	9980 kg
Net	9980 kg
CANCEL PRINT SAVE	

Report - From RST : 11036 To : 11041					Page Number: 1			
For All Records					Search Base: 11			
Sl. No	KEY	DATE	VEHICLE NO	CUSTOMER	GROSS kg	TARE kg	NET kg	CHRG INCD
1	11036	28/07/2017	MP14 AB1202	SONYA TRADERS	30000	19960	10040	150
2	11037	28/07/2017	MP14 AB1202	SONYA TRADERS	30000	19960	10040	150
3	11038	28/07/2017	MP14 AB1202	SONYA TRADERS	30000	19960	10040	150
4	11039	28/07/2017	MP14 AB1202	SONYA TRADERS	30000	19960	10040	150
5	11040	28/07/2017	MP14 AB1202	SONYA TRADERS	30000	19960	10040	150
6	11041	28/07/2017	MP14 AB1202	SONYA TRADERS	30000	19960	10040	150
7	11042	28/07/2017	MP14 AB1202	SONYA TRADERS	30000	19960	10040	150
8	11043	28/07/2017	MP14 AB1202	SONYA TRADERS	30000	19960	10040	150
9	11044	28/07/2017	MP14 AB1202	SONYA TRADERS	30000	19960	10040	150
10	11045	28/07/2017	MP14 AB1202	SONYA TRADERS	30000	19960	10040	150
11	11046	28/07/2017	MP14 AB1202	SONYA TRADERS	30000	19960	10040	150
12	11047	28/07/2017	MP14 AB1202	SONYA TRADERS	30000	19960	10040	150
13	11048	28/07/2017	MP14 AB1202	SONYA TRADERS	30000	19960	10040	150
14	11039	28/07/2017	MP14 AB1202	SONYA TRADERS	30000	19960	10040	150
15	11040	28/07/2017	MP14 AB1202	SONYA TRADERS	30000	19960	10040	150
16	11041	28/07/2017	MP14 AB1202	SONYA TRADERS	30000	19960	10040	150
Total					162000	100000	62000	

RST NO	3	
VEHICLE NO	MP09 AB1234	
VEHICLE TYPE	BALAJI TRADERS	
MATERIAL	SARIA 10MM	
COMMODITY	STEEL	
SOURCE	STEEL MILL	
PARTY NAME	BALAJI TRADERS	
DESTINATION	NEW CITY	
ADDRESS	1 M G ROAD	
PHONE NO.	9876543210	
REMARK	BEST QUALITY	
GROSS WEIGHT	9040 kg	11/08/2017 13: 24
TARE WEIGHT	5770 kg	11/08/2017 13: 24
NET WEIGHT	3270 kg	
CHARGES(Total)	Rs. 100	

Weighment screen

Report on screen

View on Screen

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 @ 50Hz
Protection	<ul style="list-style-type: none"> 750 mA Fuse for AC mains Input line Filter EMI –RFI supression Spike suppressor for input transients Opto Isolation of signals and I/Os for high immunity against electrical noise.
Power Consumption	10 VA approx.
A to D convertor	Sigma Delta type with 24bit resolution
A to D Clock	20 Hz
Conversion Speed	Internal 25 Sample per Second
Loadcell Excitation	8 V DC current capable to drive upto 12 LC of 350ohms input resistance
Signal Sensitivity	0.3 micro volt per division of weight (unit weight)
Display	7" TFT multi color
Keyboard Port	101 key IBM keyboard (USB type)
USB port	USB port for connectivity with 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	Operational Temperature: 0 to 55 degree Celsius Humidity: up to 95% RH non-condensing



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