

# Intelligent Weigh Terminal



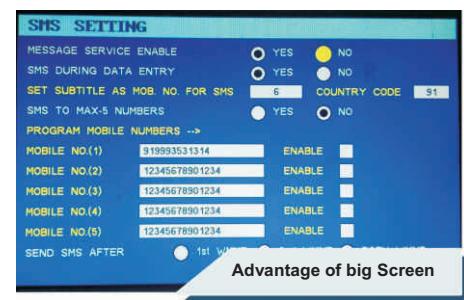
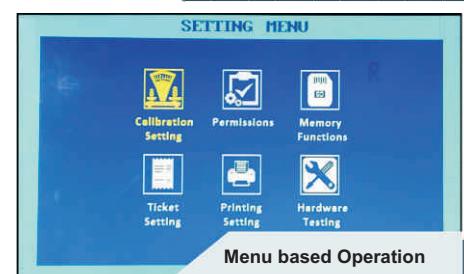
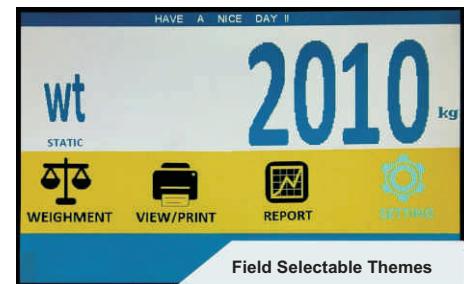
Alpha numeric Digitizer AND – TFT is a complete weighbridge solution for single weigh platform.

## 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	SOMYA TRADERS
MATERIAL	M1
COMMODITY	SOYABEAN
SOURCE	GREEN FIELD
CHALAN NO.	
DESTINATION	
ADDRESS	
PHONE NO.	
REMARK	
CHARGES(L)	INS 200
WEI	
19960 kg	
9980 kg	
9980 kg	
9980 kg	
Net.	
CANCEL PRINT SAVE	

Report - From ICT : 11020 - To : 11041										Page Number:			
For All Records.										Search Base: ??			
Seq	I-CT	I-DATE	I-VIN	CLE NO	I-CUSTOMER	I-GROSS	kg	I-TARE	kg	I-MT	kg	I-CHG	PER
1.	11020	28/07/2017	I999 60 1234	ABC TRADING	30000		19960		10040		1568		
2.	11020	28/07/2017	I995 60 3456	ABC TRADING	30000		19990		10010		1560		
3.	11020	28/07/2017	I999 60 1234	ABC TRADING	30000		19990		10000		1560		
4.	11020	28/07/2017	I992 60 1234	ABC TRADING	30000		19990		10000		1560		
5.	11030	29/07/2017	I995 60 3234	ABC TRADING	30000		9990		0		1560		
6.	11030	29/07/2017	I995 60 3234	ABC TRADING	30000		9990		0		1560		
7.	11032	29/07/2017	KL12 60 1234	BOYD BROS	30000		9990		0		30010		
8.	11033	29/07/2017	KL12 60 1234	CELESTE INC	30000		9990		0		19970		
9.	11035	29/07/2017	I994 60 1234	CELESTE INC	30000		9990		0		19970		
10.	11035	29/07/2017	I994 60 1234	CELESTE INC	30000		9990		0		20020		
11.	11036	29/07/2017	KL12 60 1234	PAI INDUSTRY	30000		9990		0		12000		
12.	11036	29/07/2017	KL12 60 1234	PAI INDUSTRY	30000		9990		0		12000		
13.	11038	29/07/2017	KL12 60 1234	PAI INDUSTRY	30000		9990		0		12000		
14.	11039	29/07/2017	I999 60 0076	NOVA INDUST	30000		9990		0		9800		
15.	11040	29/07/2017	I999 60 0076	NOVA INDUST	30000		9990		0		9800		
16.	11041	29/07/2017	I995 60 0076	NOVA INDUST	30000		9990		0		9800		
Total										1623.01	2498.1		

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
TARE WEIGHT	5770 kg
NET WEIGHT	3270 kg
CHARGES[Total]	Rs. 100

## Weighment screen

## Report on screen

## View on Screen

## Technical Specifications :

<b>Processor</b>	32bit ARM Processor
<b>Processor Clock Frequency</b>	50 MHz
<b>Real Time Clock</b>	On board battery backed RTC
<b>Memory</b>	Chip based memory to save 1 lac records
<b>Power Supply</b>	SMPS Power Supply
<b>Input Voltage</b>	90 V to 270 V AC @ 50Hz
<b>Protection</b>	<ul style="list-style-type: none"> <li>• 750 mA Fuse for AC mains</li> <li>• Input line Filter EMI –RFI supression</li> <li>• Spike suppressor for input transients</li> <li>• Opto Isolation of signals and I/Os for high immunity against electrical noise.</li> </ul>
<b>Power Consumption</b>	10 VA approx.
<b>A to D convertor</b>	Sigma Delta type with 24bit resolution
<b>A to D Clock</b>	20 Hz
<b>Conversion Speed</b>	Internal 25 Sample per Second
<b>Loadcell Excitation</b>	8 V DC current capable to drive upto 12 LC of 350ohms input resistance
<b>Signal Sensitivity</b>	0.3 micro volt per division of weight (unit weight)
<b>Display</b>	7" TFT multi color
<b>Keyboard Port</b>	101 key IBM keyboard (USB type)
<b>USB port</b>	USB port for connectivity with pendrive
<b>Printer Port</b>	Isolated Centronics compatible for connecting 80 column dot matrix printer
<b>Serial Port</b>	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").
<b>Environment</b>	Operational Temperature: 0 to 55 degree Celsius Humidity:up to 95% RH non-condensing



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