



Absolute

We mean accuracy

IN3 DIGITIZER

WEIGHBRIDGE INTELLIGENT TERMINAL WITH EMAIL FACILITY

Weighbridge Application Intelligent Terminal "AND E-mail" is a special solution for making weighment data available at remote place. It is based on GSM-GPRS technology that uses a modem and SIM Card, which can be used to send automatic daily Email report. Email is a popular, fast, reliable form of communication that is free and easily accessible. Multiple records put together in the form of .xls comprehensive report is having added advantage over conventional style of sending each data separately. The .xls data can be further forwarded, utilized or printed as desired



Operations

Each bag / cotton bale / item will be kept on the platform one after the other & its details will be recorded in the machine.

Number of item can be recorded under a batch / lot / RST.

Total production / dispatch of a day can be found as a report.

Has half inch LED Display, 4 key front mount keyboard



Email Features

Provision to program sender's email id with password

Provision to program 5 recipient's email id's

Automatic sending of email day-end report

Excel format reports sent to registered mail ids on daily basis

Additional control to operator for sending report any me

Authority to registered user to call report anytime

No need of any internet LAN connection at weighbridge site



Hardware Features

Sophisticated operations powered by 32 bit ARM processor

Multistep calibration, smart calibration supported by 24bit ADC

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 soft copy.

Dot matrix printer connectivity using centronics / USB port

USB keyboard connectivity

+254 20 3599661/3

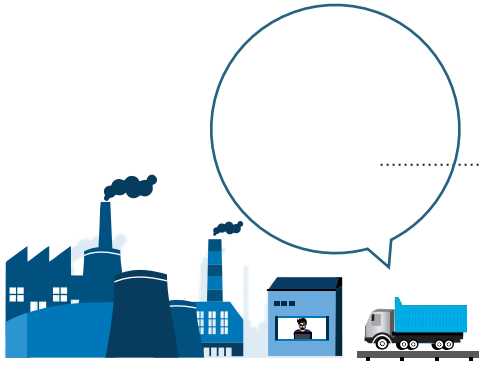
+254 710 600 402
+254 733 697 066

@ sales@absolutescales.co.ke

www.absolutescales.co.ke

P.O. Box 220-00623 Nairobi -Kenya.

Kings Go-down (No.5), Road C
Off enterprise road, Industrial area



Indicator at the Weighbridge



Sending E-mail Report



E-Mail Received at Remote Location

Other Features

Simple process for weighments of Tare/ Gross Vehicle weights

10 entries in ticket for 25 characters each

Facility to view/print earlier saved records according to RST no/ Vehicle no

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 for rate, amount deduction. Code creation facility

Vehicle type codification for standard weighment charges



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.)
A/D converter	Sigma Delta type with 24 Bit resolution
A/D clock	20 Hz
Conversion speed	Internal 25 samples per second
Load cell excitation	8V DC with current capability to drive up to 12 load cells of 350 ohms input resistance
Signal sensitivity	0.3 micro volt per division of weight (unit weight)
Display	16 characters by 2 line LCD display with backlight 1/2" LED 7 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/modem connectivity
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

Optional Features

Operator logins for 5 operators

Confidential weighment, to trap unweighed passing vehicles

Print on selective models of Laser printer

Applications

Public Weighbridges

Industrial Weighbridges

Toll Ways

+254 20 3599661/3

+254 710 600 402
+254 733 697 066

@ sales@absolutescales.co.ke

www.absolutescales.co.ke

P.O. Box 220-00623 Nairobi -Kenya.

Kings Go-down (No.5), Road C
Off enterprise road, Industrial area