



3 BIN USB with Cloud Interface

3 BIN USB with "Cloud Interface" enables the user to access the complete batch reports from any part of the world via internet. Useful for remote sites having no other communication media.

Software Features

- Specially designed program to interface 3 bin indicator with internet
- Provision to check sim balance, signal strength

Web Application

- Real time access of complete batch record through our web application
- Data easily accessible from anywhere across the globe in laptop/PC/Smartphone
- Authorized access on the server for better security
- Excel format report can be generated on web application
- Provision to create multiple users on web application
- It is a Cross- platform software. Can run be on any operating system
- Daily Reports can be generated through web application and shared via email

Hardware Features

- Port for connecting GSM Modem for data uploading
- Sim slot to place standard mobile 2G sim of any service provider
- Three load cell ports for connecting separate bins
- Fourteen key front mount keypad for alphanumeric working
- Six 7 segment 4 digit LED display to show bin weights, total, water & add mix/tank level
- Five Relay Outputs for bin 1, bin 2, bin 3, water feed control & add mix control/tank level
- Five Digital Inputs: to connect external proximity switches for various functions
- Three Serial (RS232) ports for weight transfer, modem connection(SMS) and serial printing respectively
- USB port featured for connecting pen drive
- Six indication LEDs for process indication
- Memory to store 8000 records
- 230 V AC operated (12 V DC OPTIONAL)
- RS485 communication (OPTIONAL)
- Safety fuse & On/Off switch

Applications:

Specification

Processor	32 bit ARM processor
Processor Clock	80 MHz.
Memory	8000 records of 99 cycles each
Power Supply	SMPS type EMI/RFI filter with spike suppressor
Input Voltage	90V to 270V AC @ 50Hz
Protection	RFI/EMI filter for input power Spike suppressor for input transients.
USB port	Pen drive data download
Com Port	Com1 for weight transfer Com2 for connecting modem for SMS (OPTIONAL uploadweightment on web server) Com3 for serial printing
Keypad	14-key front mount keypad for data & function entries.
A/D Converter Resolution	Sigma Delta Type with 24 bits resolution
Conversion Speed	10 Hz
Load Cell Excitation	8V @ 300mA (up to eight load cells of 350 ohms each).
Input Signal	1 to 3 μ V per division of weight
Power Consumption	10VA (approx)
Environment	Operating Temp - 0° to 55° C Humidity - upto 95% RH non condensing
Mechanical	Industrial panel mounting enclosure with sheet metal and extruded aluminium section. Case size: 144 x 144 x 160 mm(W) (L) (H) Bezel size : 144x144 mm Panel cut out : 138X138 mm Depth : 140 mm with rear panel connector

Note: Due to continuous research and development the illustrations and specifications are subject to modifications, without notice.



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