GENERAL MEASURE

Wipro Serie GMT-P1

WEIGHING TRANSMITTER

CE OIML

GMT-P1

Weighing Transmitter

DIGITAL INDICATOR

The GMT-P1 is a panel mounted weighing transmitter offers exceptional reliability, advanced filtering, and tested ability to perform stably under interference of harsh industrial environments. It is customized for dynamic weighing systems with the highest demand for reliability, response speed and accuracy.

OIML C€

High-Performance

- Standard RS232/RS485 selectable by switch optional analog output(0-5V initial)；
- Calibration without test weights function；
- I/O points (1 input, 2 outputs) as standard；
- Simple design to facilitate connection to a PLC；
- Low cost digital indicator for various applications；
- Selectable A/D sampling 30/60/120/240/480/960 times/sec；
- Support theoretical calibration with loadcell sensitivity；
- Compact, lightweight body makes it ideal for mounting into a control panel；
- 1,000,000 weight resolution ability,with second generation Vibration Cancellation Filter；
- Powers up to 8 units of loadcells with 6 wires connection,provide long distance compensation.

Communication interface
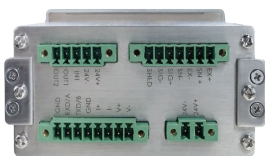
RS485/232+Analog output
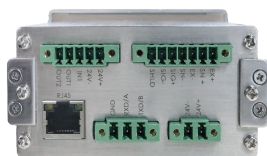
RS485/232+Ethernet
(Modbus TCP)

RS485/232+Ethernet (Profinet)

PROFI® NET   EtherNet/IP™   Modbus TCP/IP   ANALOG OUTPUT   RS485/RS232

Specifications

WEIGHING SPECIFICATION	
OIML R76	e=1 µV/d, 6000e
A/D conversion	24-bit Delta-Sigma
Zero adjustment range	0 to 12mV (Load cell 3mV/V)
Nonlinearity	0.01% F.S
Maximum input voltage	0 to 15mV (Load cell 3mV/V)
Minimum sensitivity	0.01 µV/d
Input impedance	10MΩ
Sampling rate	30/60/120/240/480/960 times/sec.
Display resolution	1 / 999,999
Load cell excitation	DC5V, 200mA(Max.), Up to 8 load cells(350Ω) can be connected
DIGITAL UNIT	
Display elements	7-segment 6-digit red LED
Data display range	0 to 999,999d
Status indicators	ZERO, STAB, NET
BASIC SPECIFICATIONS	
Power source voltage	DC24V ± 5%
Power consumption	Approx. 10W
Temperature and humidity	-10°C to 40°C / 90% R.H or less(Condensation must be avoided)
Dimensions	110 × 89 × 60 mm (L×W×H)
Weight	Approx.350g
Panel cut dimensions	93 x 46mm
Dust/water protection	The IP 65 display when mounted into a panel
Enclosure	ABS front panel, aluminum case.
OPTIONS	
Serial interface	Standard RS-232/RS485 interface
Analog output	0-5V, 0-10V, 4-20mA , 0-24mA , 0-20mA , User Define
Ethernet	Modbus TCP、Profinet、Ethernet IP

Unit:mm

Application

GENERAL MEASURE
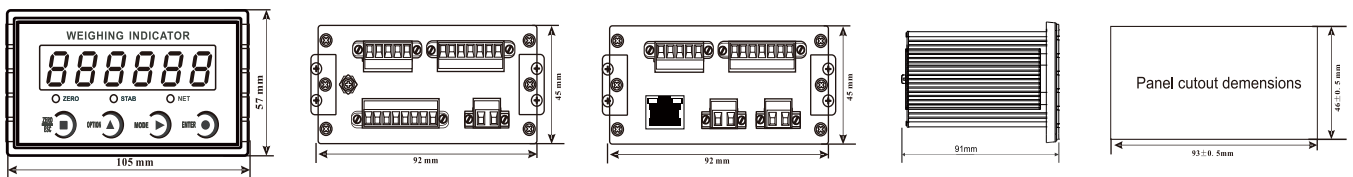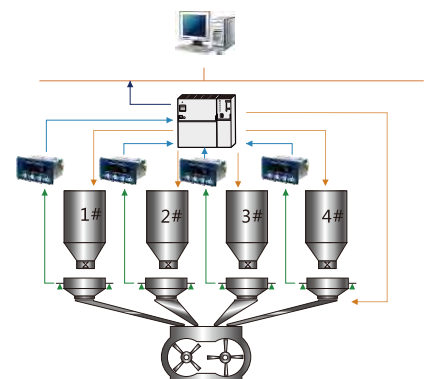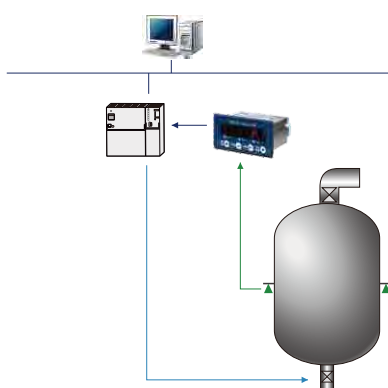
Wipro Serie GMT-X1

WEIGHING TRANSMITTER

GMT-X1
Weighting Transmitter

GMT-X1, a DIN rail mounted weighing transmitter for industrial automation, can be used in various system weighing applications, such as weight checking, loss-in-weight, liquid filling, batching, vessel and silo weighing, etc.

Various Configurations	Bluetooth Communication	Programmable I/O	Remote Setting

Weasy Support Tool

- Mobile App: connect with app through Bluetooth for setting the parameters and monitor indicator status;
- Programmable I/O by PLC.

Software Highlight

- Calibration without weights (by loadcell sensitivity value);
- Printer function;
- Self-testing for I/O and Communication port;
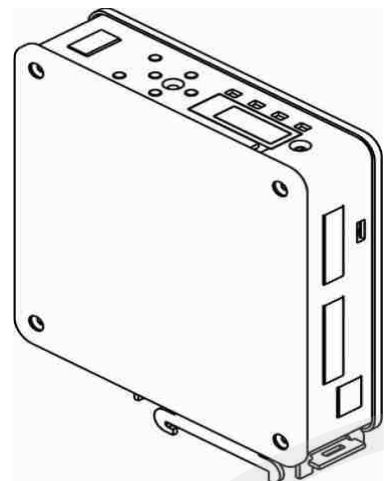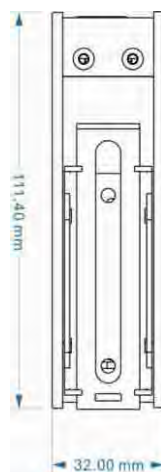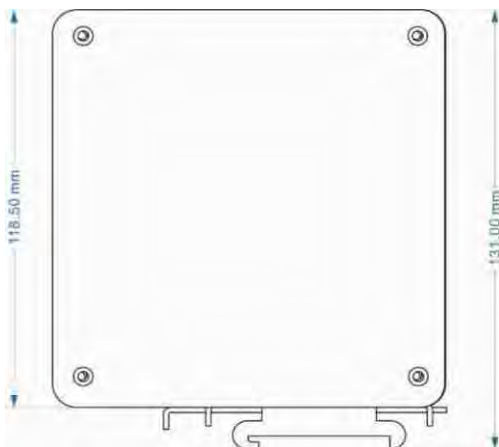- Self-editable boot screen.

Hardware Highlight

- Stainless steel case with compact design;
- Different configuration choice, a variety of combination;
- Bluetooth communication;
- Standard: RS485 + RS485/RS232(Selectable).
- ☑ Hardware Option1: 3 Input 5 Output or 3 Input 4 Output (relay)
- ☑ Hardware Option2: RS485+16bit Analog or 2 Input 4 Output
- ☑ Hardware Option3: Modbus TCP or Ethernet/IP or Profinet

(Hardware Option1,2,3 can be selected at the same time)

PROFINET | EtherNet/IP | Modbus TCP/IP | ANALOG OUTPUT | RS485/RS232

SPECIFICATION

Model	GMT-X1
Power Supply	24VDC（12~30VDC）
Size	131*111.4*32(mm)
Weight	500g
Operating Environment	-10~40℃；90%R.H No Condensation
Power Dissipation	5W
Weighing platform excitation voltage	5V 200mA(MAX)
Weighing Platform Requirement	1 simulation scale interface, can connect up to 8 loadcell with 350Ω, Support Sensitivity in 1mV/V, 2mV/V, 3mV/V
Sensitivity	0.1uV/d/0.5uV/d
Non-Linearity	0.01% F.S
A/D Conversion Speed	50；60；100；120；200；240；400；480；800；960（SPS）
Maximum Display Accuracy	1/100000
Button	6 key vocalized button
Decimal Places	0、0.0、0.00、0.000、0.0000；5 Options
Overload Display	OFL

DIMENSION

General Measure Technology Co., Ltd.

Add: Room2208, Block A, Building 6, Shenzhen International Innovation Valley,Nanshan District, Shenzhen, Guangdong Province, P.R.China.

Tel/Wechat: +86 185 6585 5789

E-mail: xjlv@szgmt.com

Web: www.gmweighing.com

LinkedIn   Facebook   Wechat
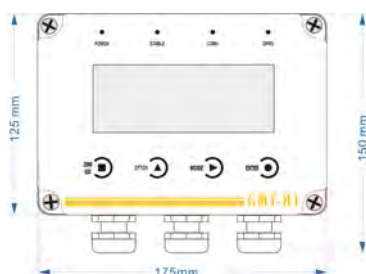
GMT-H1

Weighing Transmitter

PRODUCT INTRO

GMT-H1 weighing transmitter is designed for industrial weighing application. It's harsh mount, IP65 protection widely used in silo and vessel application.

FEATURES

- Anti-dust and waterproof harsh mount case;
- 6-wire loadcell interfaces, connecting up to 8 loadcell in 350Ω;
- Support theoretical data calibration;
- Support GPRS, Modbus-RTU, Modbus-TCP/IP, RS485 for communication;
- The function of automatic upload relevant weighing data;
- Through IO port to get the information of material level.
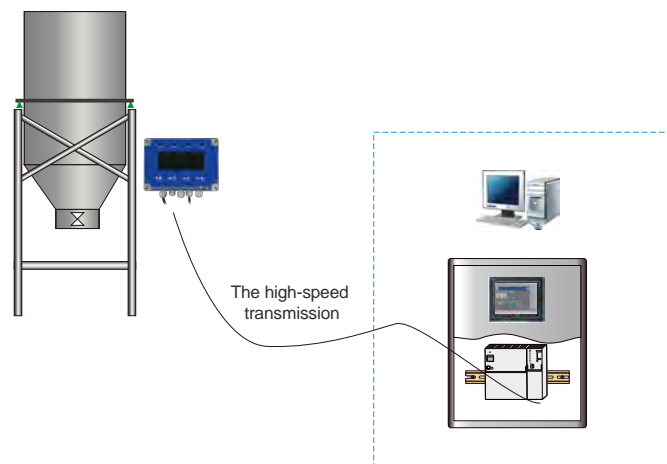
DIMENSION

Unit : mm

SPECIFICATION

Model		GMT-H1
General Specification	Power	AC 90-260V 50Hz(or 60Hz) ±2%
	Temperature	-20~60℃;90%R.H Without dew
	Power consumption	10W
	Weights	750g
Measurement Paramenters	A/D conversion	24bit Delta-Sigma
	Sampling rate	Sampling rate, initial value:100times/sec, range: 50,60,100,120,200,240,400,480 times/sec
	Nonlinearity	0.01%F.S
	Gain drift	10PPM/℃
	Sensitivity	0.1μV/d / 0.5μV/d
	Input range	MAX 0.02~15mV
	Maximum display accurarcy	1/100,000
	Weighing platform load cell	1 simulated weighing platform load cell interface can connect up to 8 load cell that is in 350Ω,and the sensitivity in 1mV/V、2mV/V、3mV/V.
	Load cell excitation	5V 200mA(Max)
I/O Interfaces and Communications	RS485(Standard); Support ModbusRTU, continuous transmission protocol	
	RJ45(Standard); Support Modbus-TCP, continuous transmission protocol	
	GPRS data transmission function	
	Fixed IO: 3 Input, 3 Output	
	Optional IO: 3 more（can be selfdefined as output or input）	

APPLICATION

The high-speed transmission

LinkedIn   Facebook   Wechat

RAIL MOUNT TRANSMITTER

EASY INSTALLTION
COMPACT DESIGN

CE PA

GM7702
Digital weighing transmitter

GM7702, a digital weighing transmitter with the standard dimension, is suitable for mounting on DIN rail in many industrial fields. Small size and compact design make it ideally integrate with whole weighing sector. Due to its high practicability, stability and easy operation, GM7702 can be widely applied to the industry of feeds, chemical, concrete and bitumen mixing, metallurgy smelting, etc.

Description

Standard

- With RS232/485 serial ports and support remote control
- Support tare, preset tare function.
- Equipped with 2 IN 3 OUT I/O module.

Compact Design

- Small size and compact design with standard 35mm DIN mounting.

Optional Communication

- Dual Modbus TCP
- Optional 16bit high-precision analog output: 0~24mA, 0~5V, 0~10V and user-defined analog output.

Dimensions

Set point weighing application

Multi-material batching application
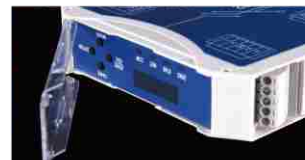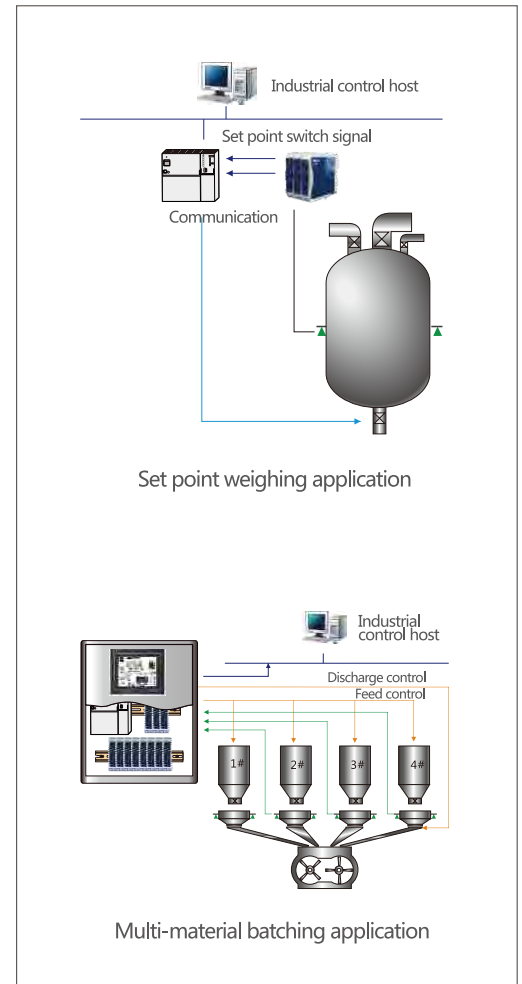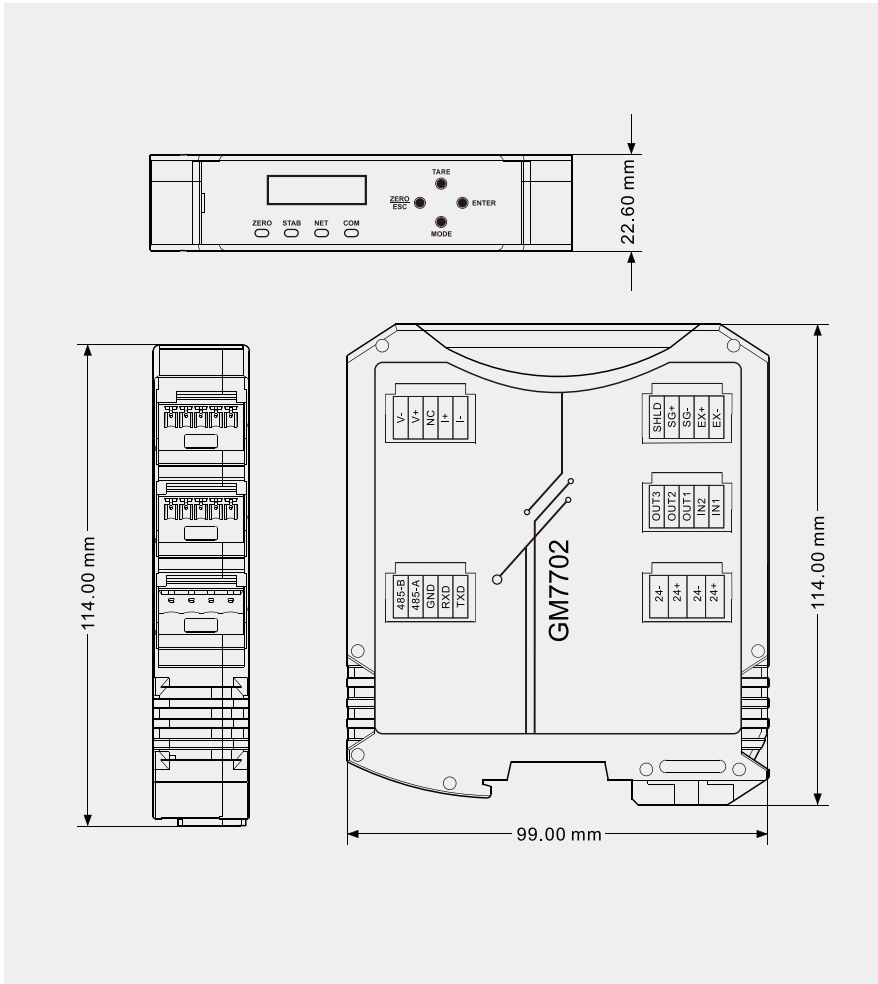
Specification

General Specifications	Power Supply	DC24V
	Working temperature	-10 ~ 40°C
	Maximum humidity	90% R.H without dew
A/D conversion	A/D converter	24-bit Delta-Sigma
	A/D conversion speed	120/240/480 SPS
	Non-linearity	0.01% F.S
	Gain drift	10PPM/°C
	Input sensitivity	0.02uV/d
	Input range	0.00~15mV
	Maximum display accuracy	1/100000
	Load cell power	DC5V 100mA(Max.)
	Input impedance	10MΩ
	Zero steady range	0.02~8mV (load cell 2mV/V)
I/O part	Inputs	2, NPN zero / tare / trigger preset point n (n=1/2/3/4)
	Outputs	3, 500mA Max. Stabilization/Overflow/Trigger Point n Output (n=1/2/3/4)/Upper/Middle/Lower Limit

RAIL MOUNT WEIGHING CONTROLLER

CE PA

GM8802S-T
Rail Mount Weighing Controller

Description

GM8802S-T weighing indicators are specially designed for weight transmitting in industrial fields, winch have features of small volume, plenty communicating commands, stable performance, easy operation and practicability. They can be widely applied to concrete and bitumen mixing equipment, commodity industry, chemical industry and feeds industing, etc.
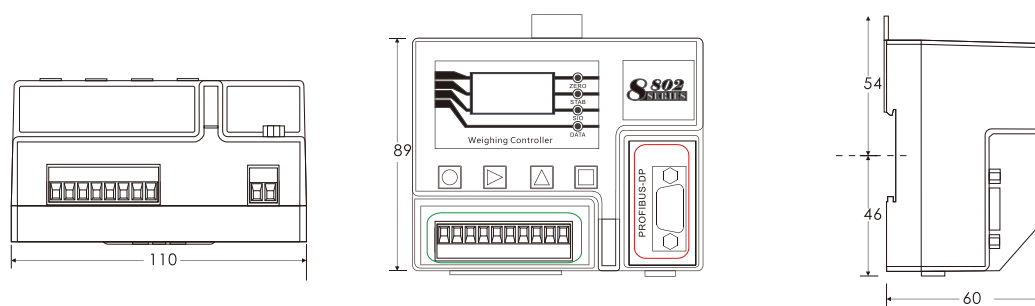
Functions and Features

- Weigh controller module with optional set point function.
- Easy operation and installation, equipped with OLED display.
- RS485 communication as standard to connect with a PLC.

Application Schematic Diagram

Discharge control
Supply control

1# 2# 3# 4#

Multiple material batching machine

set point switch signal

Communication

set point weighing controller
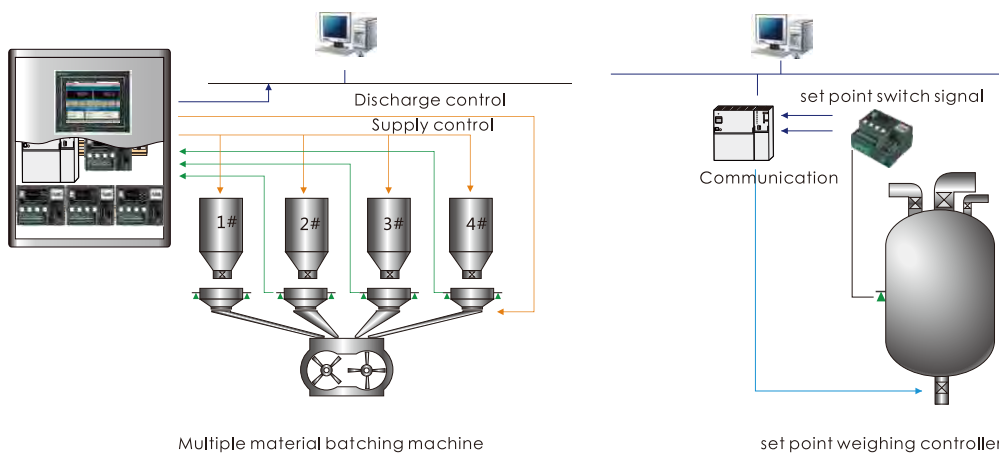
Dimensions

Unit:mm

Specification

ANALOG UNIT	A/D Conversion Method	24-bit Delta-Sigma modulation
	Zero Adjustment Range	0.02~8mV (Load cell 2mV/V)
	Nonlinearity	0.01%F.S
	Maximum Input Voltage	0.02~10mV (Load cell 2mV/V)
	Minimum Sensitivity	0.1μV/d
	Input Impedance	10MΩ
	Sampling Rate	120/240/480 SPS.
	Display Resolution	1/100000
	Load Cell Excitation	DC5V,200mA(Max),Up to 8 load cells can be connected
BASIC SPECIFICATIONS	Display Element	1.3 inch OLED screen
	Status Indicators	ZERO,STAB,SIO,DATA
DIGITAL UNIT	Power Source Voltage	DC 24V ±5%
	Power Consumption	Approx.10w
	Temperature and Humidity	-10℃~40℃/90% R.H or less (Condensation must be avoided)
	Dimensions	110*89*60mm (L*W*H)
	Weight	Approx.250g
COMMUNICATION OPTIONS	Standard	RS485
	Option	RS485+RS232, RS485+Analog, RS485+ Profibus

GMC-P7
Touch Screen Weighing Controller

GMC-P7 weighing controller is designed for dynamic weighing/packing/batching applications, widely used in grain and seeds, feeds, rubber and plastic, and the chemical industry.
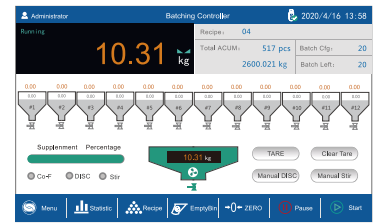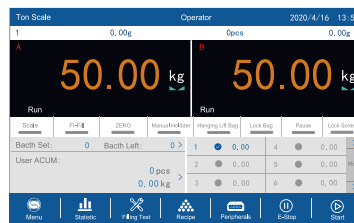
DESCRIPTION

Application Software

Multiple Software Selection:

- Single hopper packing;
- Double hopper packing;
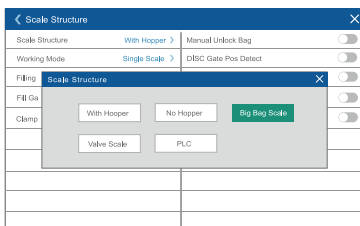- Reduce weight method packing;
- Bulk scale;
- Batching scale.

User-friendly Design

- 7-inch touch screen, interactive design, and easy operation;
- Record the weight of every pack, million data storage and export.

Multi-Mode

- Multi-Mode: With Hopper, No Hopper, Big Bag Scale, Valve Scale, PLC;

Adaptive Function

- Automatic drop correction function, feeding speed adaptive function;
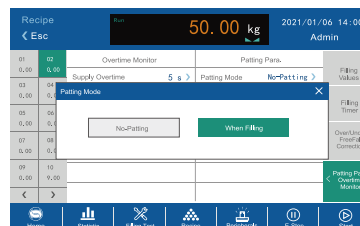
Patting Mode

- Starting Patting mode when filling material to shape bags by setting relevant parameters;

Robust & Durable

Strong anti-interference

- Metal case with SS304 and aluminum provides better EMC protection and screen protection;
- 500mA over-current protection for IO port;

Sealing & Dust-proof performance

- 3mm front panel with rubber seal strip makes it fit control box well, which improves the sealing and dust-proof performance;

External keyboard

- Support mouse and keyboard control by USB connection;

MCU

- MCU with quad-core (Linux) for fast images and data processing ability;

Harsh desk/wall mount version

- Provide harsh desk/wall mount version for installation;

Multiple Communication Methods

- **RS232+RS485** for connecting PC, PLC, Printer, Label Printer, Remote Display, Code Printer, or other external devices, for reading and setup remotely;
- **12 Input/16 Output** for starting, stopping, unloading, clamping/loosening bags, etc.;
- **Modbus TCP** for connecting PC, PLC, Printer, etc., for reading remotely;
- **USB** for importing and exporting recipes, I/O function communication parameters and other working parameters, upgrading system software, customizing boot screen, etc.

Standard specification

|		
General Specifications	Model	GMC-P7 (CoPro Series)
	Power Supply	DC 24V plus or minus 5%
	Working temperature	-10℃~40℃
	Maximum humidity	90% R.H without dew
	Testing standards	Class III 6000 e, 1 μ V/d
	Power consumption	About 15 w
A/D Conversion	A/D performance	24 bit Delta-Sigma
	A/D conversion speed	120/240/480 times/per second
	Non-linearity	0.01%F.S
	Gain drift	10PPM/℃
	Input sensitivity	0.02μV/d
	Display Accuracy	1/100,000
	Input range	0.02~15mV
	Sensor power supply	DC5V 125mA(Max)
	Input impedance	10MΩ
	Zero steady range	Maximum 0.002 ~ 15mV(Load Cell 3mV/V)
Application Software	● Single hopper packing; ● Double hopper packing; ● Reduce weight method packing; ● Bulk scale; ● Batching scale.	
Function extension	Equipped with GMA-X1 automatic traction module, reduce workforce cost	

Dimension
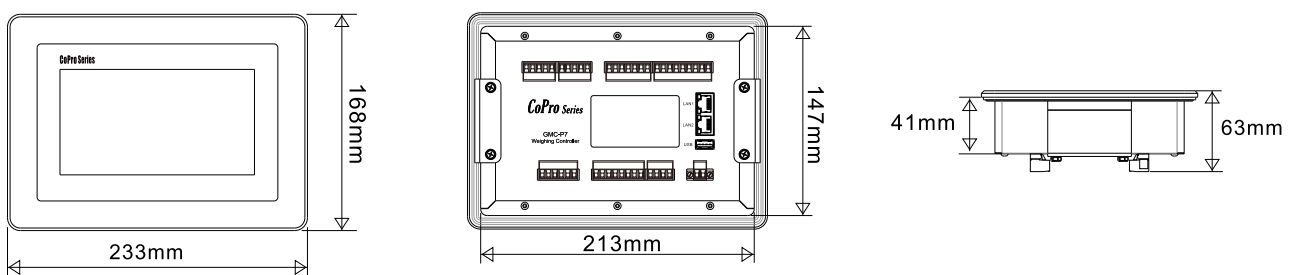
Application
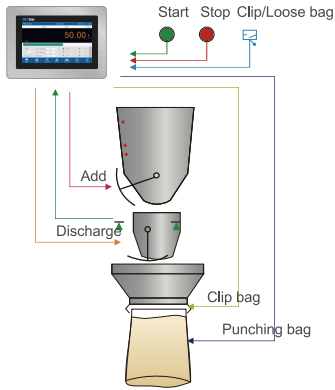
• Single hopper packing
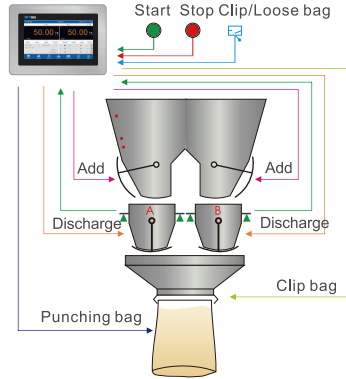
• Double hopper packing
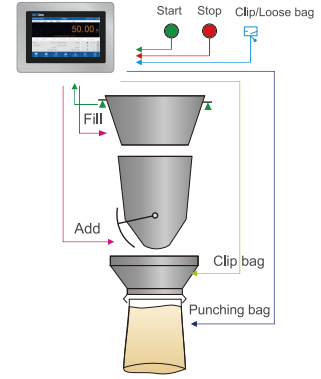
• Reduce weight method packing
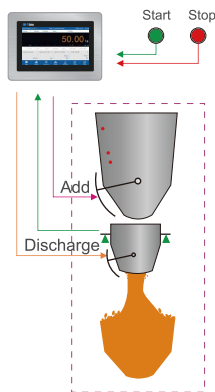
• Bulk scale
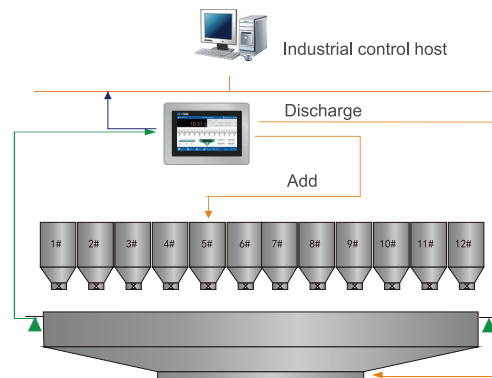
• Batching scale

GENERAL MEASURE

GM9907 Series
Touch Screen Weighing Controller

Making the World Measurable
## Linking Your Smart Life

It can be widely used in food, feed, seed, fertilizer, powder and other industries.
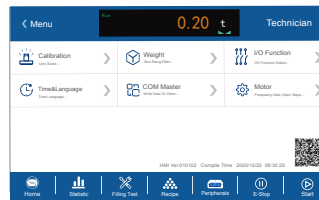
User-friendly Design, Easy Operation

- 7-inch Touch screen for displaying clearly and operating easily, Single/double scale interface mode switching;
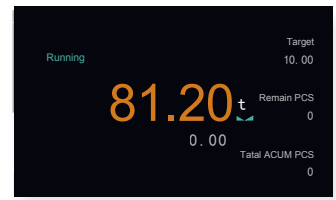- Different types of Home Screen for Different Application;

- All Parameter Matched and Displayed according to the Scale;
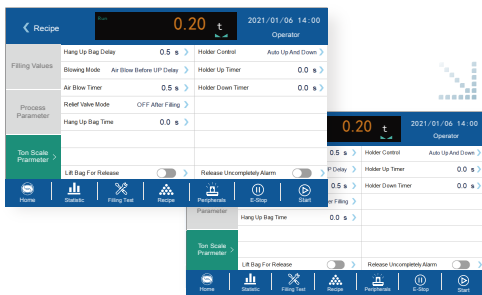
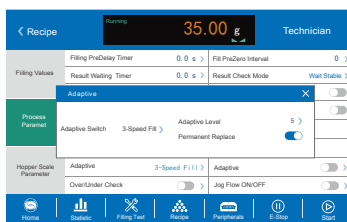- Modular design, guided step-by-step operation, one key switch;

- Screen Saver Displaying after the Set Time, Dynamic display of operating status and data;
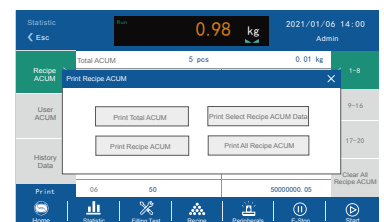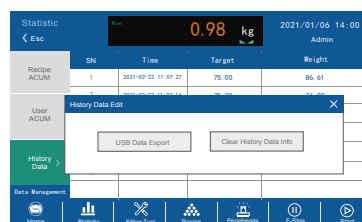

Intelligent Function Design, Smart Operation

- Self-adaptive Function, Support a variety of scale structure mode;

- USB for importing and exporting data, upgrading software and customizing boot screen, etc.

- Host Mode: Can be Used as Industrial Control Panel to Configure PLC or Transducer.

GM9907-L2/LD

Packing Controller
(L2:Single Hopper; LD:Double Hopper)

GM9907-L2/LD is the single/double hopper packing controller, widely used for, granule packing scale, powder packing scale,big bag,valve type scale-cement, etc.

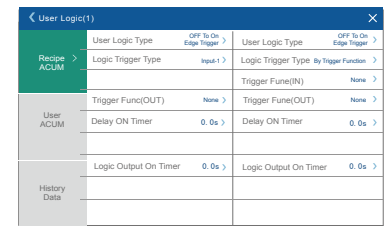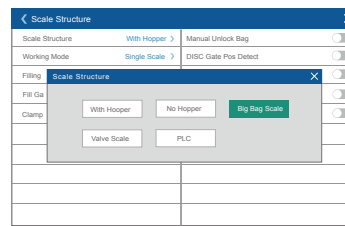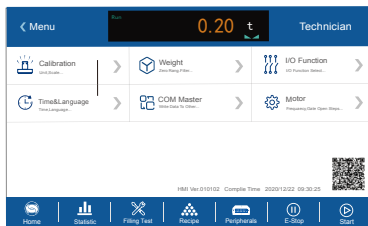## Version Features

User-Friendly · Better Experience

• Memory card build in, 7-inch Touch screen for displaying clearly and operating easily, Single/double scale interface mode switching;

• **L2:** single hopper; **LD:** single or double hopper, can be chosen, interface displayed accordingly;

• Multi-Mode: With Hopper, No Hopper, Big Bag Scale,Valve Scale,PLC;

• Self-Adaptive: I/O Programmable;

Communication

RS485+RS232

• For connecting PC,PLC,Printer,Label Printer, Romote Display,Code Printer,or other external devices,for reading and setup remotely;

USB

• For importing and exporting recipes,works,I/O function communication and other parameters, upgrading system software,customizing boot screen,etc;
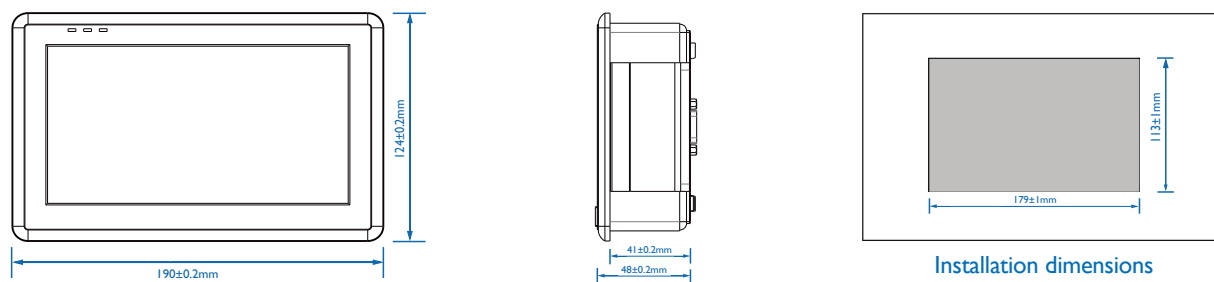
12 Input/16 Output

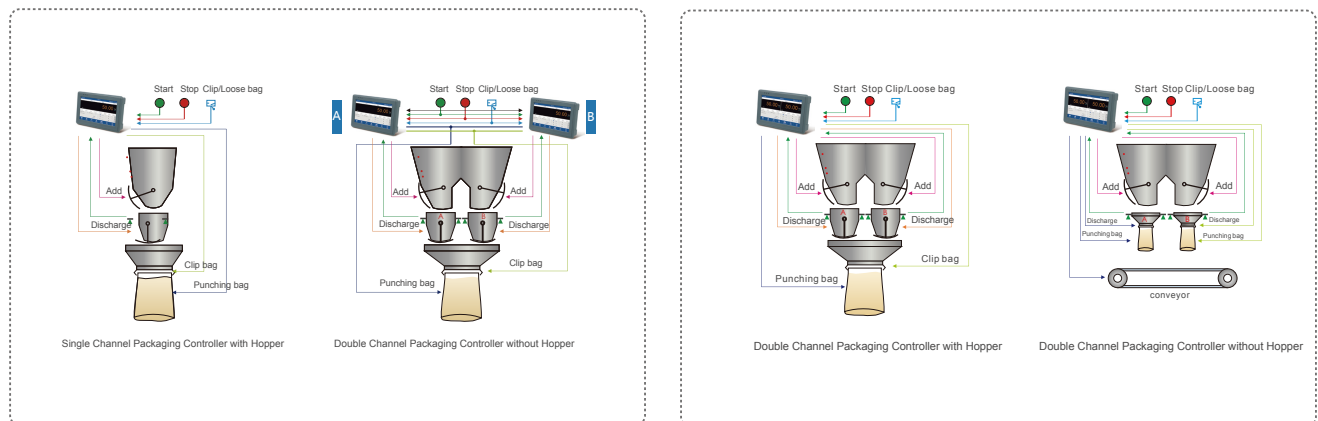• For staring, stopping, feeding, unloading, clamping/loosening bags,etc;

Modbus TCP

• For connecting PC, PLC, Printers,etc., for reading remotely.

Specification

Model		GM9907-L2/LD
General Specification	Power Supply	DC24V
	Operating Temperature	-10~40℃
	Maximum Humidity	90%R.H without dew
	Test Standard	Class III 6000e,1μV/d
	Power Consume	About 15W
Measurement parameters	A/D converter type	24 bit Sigma-Delta
	A/D Conversion Rate	120/240/480/960 times /per second
	Non-Linear	0.01%F.S
	Gain Drifting	10PPM/℃
	Minimum Sensitivity	0.02μV/d
	Analog Input Range	0.02~15mV
	Display Accuracy	1/100,000
	Power Source for Load Cell	DC5V 125mA(MAX)
	Input Resistance	10MΩ
	Zero Point Adjustment Range	0.002~15mV（load cell 3mV/V）
I/O Interfaces and Communications	12 Input 16 Output, I/O Selectable	
	12 Input, Active-low	
	Start, Emergency stop, Stop, Zeroing, Clear alarm, Clear total ACUM, Bag Lock/Unlock, Manual discharge, Manual fine flow, Manual coarse flow, Change recipe, Empty material	
	16 Output, Single drive current 500mA	
	Run, Stopped, Coarse flow, Medium flow, Fine flow, Bag lock, Result waiting, Ready, Discharge, -NZ-, Pat bag, FILL, EMPT, Alarm, Batch complete, Over/Under	

124±0.2mm

190±0.2mm

41±0.2mm
48±0.2mm

113±1mm

179±1mm

Installation dimensions

Application Schematic Diagram

Start Stop Clip/Loose bag

Add

Discharge

Clip bag

Punching bag

Single Channel Packaging Controller with Hopper

Start Stop Clip/Loose bag

A   B

Add   Add

Discharge   Discharge

Clip bag

Punching bag

Double Channel Packaging Controller without Hopper

GM9907-L2

Start Stop Clip/Loose bag

Add   Add

Discharge   Discharge

Clip bag

Punching bag

Double Channel Packaging Controller with Hopper

Start Stop Clip/Loose bag

Add   Add

Discharge   Discharge
Punching bag   Punching bag

conveyor

Double Channel Packaging Controller without Hopper

GM9907-LD
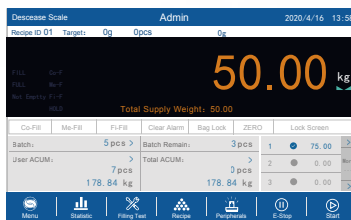
GM9907-L4

Reduce weight method packing controller

GM9907-L4 is designed for Loss-in-weight bagging machine.
It can be widely used in rice, grains, feeds, chemical industry, etc.

Version Features

User-Friendly · Better Experience

• Memory card build in, 7-inch Touch screen for displaying clearly and operating easily;
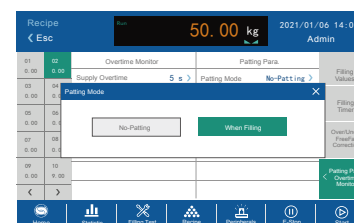
• It can store 20 groups of recipes, 9 groups of users accumulation data;

• Data backup and recovery function can save the optimal parameters and improve the working efficiency；

• Starting Patting mode when filling material to shape bags by setting relevant parameter；

Communication

RS485+RS232

• For connecting PC,PLC,Printer,Label Printer, Romote Display,Code Printer,or other external devices,for reading and setup remotely;

USB

• For importing and exporting recipes,works,I/O function communication and other parameters, upgrading system software,customizing boot screen,etc;

12 Input/16 Output

• For staring, stopping, feeding, unloading, clamping/loosening bags,etc;

Modbus TCP

• For connecting PC, PLC, Printers,etc., for reading remotely.

Specification

Model		GM9907-L4
General Specification	Power Supply	DC24V
	Operating Temperature	-10~40℃
	Maximum Humidity	90%R.H without dew
	Test Standard	Class III 6000e,1μV/d
	Power Consume	About 15W
Measurement parameters	A/D converter type	24 bit Sigma-Delta
	A/D Conversion Rate	120/240/480/960 times /per second
	Non-Linear	0.01%F.S
	Gain Drifting	10PPM/℃
	Minimum Sensitivity	0.02μV/d
	Analog Input Range	0.02~15mV
	Display Accuracy	1/100,000
	Power Source for Load Cell	DC5V 125mA(MAX)
	Input Resistance	10MΩ
	Zero Point Adjustment Range	0.002~15mV（load cell 3mV/V）
I/O Interfaces and Communications	2 Input 16 Output, I/O Selectable	
	12 Input, Active-low	
	Start, Emergency stop, Stop, Zeroing, Clear alarm, Change recipe, Bag Lock/Unlock, Manual discharge, Manual fine flow, Manual coarse flow, Clear total ACUM, etc.	
	16 Output, Single drive current 500mA	
	Run, Stopped, Coarse flow, Medium flow, Fine flow, Bag lock, Result waiting, Pat bag, FILL, Batch complete, Supply full, Pause, etc.	
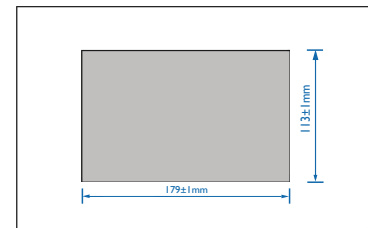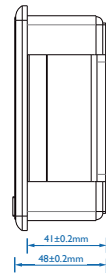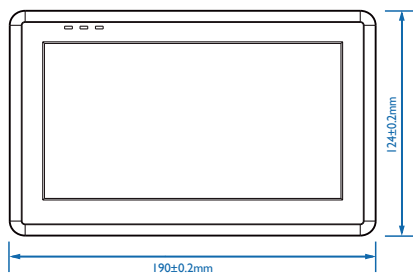
Installation dimensions

Application Schematic Diagram
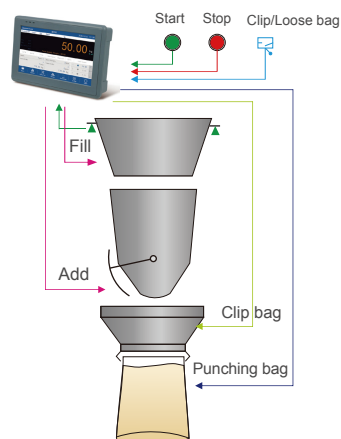
Reduce weight method packing

GM9907-L5

Bulk Scale Controller

GM9907-L5 is designed for bulk scale to solve the problem of batch weight and automatic totalizing of incoming and outgoing material. It can be used widely used in chemical, grain, feeds, construction and harbor logistics industry, etc.

Version Features

User-Friendly · Better Experience

• Memory card build in, 7-inch Touch screen for displaying clearly and operating easily;

• Flow rate function can discharge material automatically and alarm when flow rate is low,which is more intelligent;
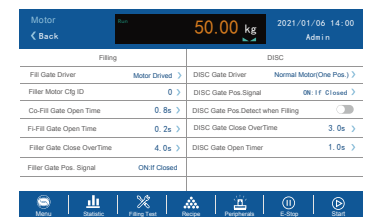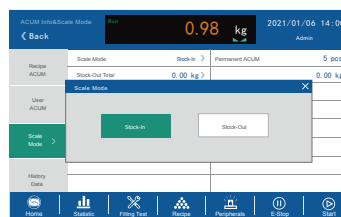
• Two scale mode: Stock-In or Stock-Out; Data information is more convenient to operate;

• Two packing mode: Motor or Pneumatic; Add/Discharge feed is more convenient;

Communication

RS485+RS232

• For connecting PC,PLC,Printer,Label Printer, Romote Display,Code Printer,or other external devices,for reading and setup remotely;

USB

• For importing and exporting recipes,works,I/O function communication and other parameters, upgrading system software,customizing boot screen,etc;
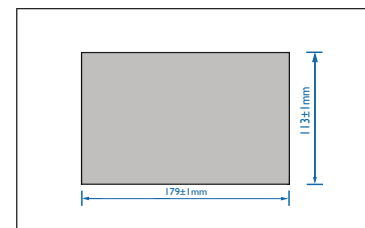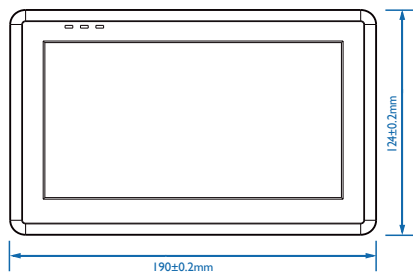
12 Input/16 Output

• For staring, stopping, feeding, unloading, clamping/loosening bags,etc;

Modbus TCP

• For connecting PC, PLC, Printers, etc., for reading remotely.

Specification

Model		GM9907-L5
General Specification	Power Supply	DC24V
	Operating Temperature	-10~40℃
	Maximum Humidity	90%R.H without dew
	Test Standard	Class III 6000e,1μV/d
	Power Consume	About 15W
Measurement parameters	A/D converter type	24 bit Sigma-Delta
	A/D Conversion Rate	120/240/480/960 times /per second
	Non-Linear	0.01%F.S
	Gain Drifting	10PPM/℃
	Minimum Sensitivity	0.02μV/d
	Analog Input Range	0.02~15mV
	Display Accuracy	1/100,000
	Power Source for Load Cell	DC5V 125mA(MAX)
	Input Resistance	10MΩ
	Zero Point Adjustment Range	0.002~15mV（load cell 3mV/V）
I/O Interfaces and Communications	12 Input 16 Output, I/O Selectable	
	12 Input, Active-low	
	Start, Emergency stop, Stop, Zeroing, Clear alarm, Fill permission, Clogged, Manual fine flow, etc.	
	16 Output, Single drive current 500mA	
	Run, Stopped, Clogged, Coarse flow, Fine flow, Result waiting, Over/under, Alarm, Stock-out Done, Last feed, DISC, -NZ-, etc.	

124±0.2mm
190±0.2mm
41±0.2mm
48±0.2mm
113±1mm
179±1mm

Installation dimensions

Application Schematic Diagram

Start Stop

Add

Discharge
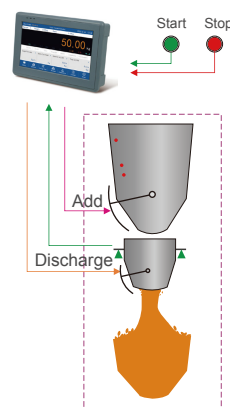
Bulk Weight Packing

# GM9907-LB

Batching Scale Controller

GM9907-LB is designed for batching scale that can sort feeding orders of a variety of materials. It can be widely used in concrete mixing, bituminous mixing, metallurgy, chemical, feeds industry, etc.

Version Features

User-Friendly · Better Experience

• Memory card build in, Dynamic batching process can be graphically displayed for better understanding and monitoring;.
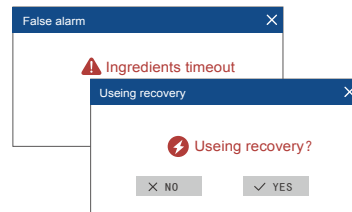
• Support the batching of 12 kinds of materials. It can be customized according to the batching process sequence, which is flexible to use;
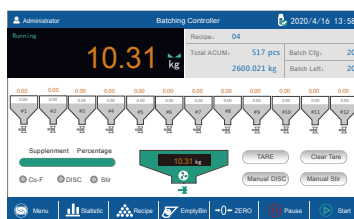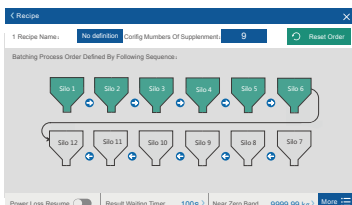
• The working process is clear. Feeding value and time of the material can be set, and real-time feeding dynamic can be displayed;

• User-friendly design: Save function when power down and monitoring alarm function;

Communication

RS485+RS232

• For connecting PC,PLC,Printer,Label Printer, Romote Display,Code Printer,or other external devices,for reading and setup remotely;

USB

• For importing and exporting recipes,works,I/O function communication and other parameters, upgrading system software,customizing boot screen,etc;

12 Input/16 Output

• For staring, stopping, feeding, unloading, clamping/loosening bags,etc;

Modbus TCP

• For connecting PC, PLC, Printers,etc., for reading remotely.

Specification

Model		GM9907-LB
General Specification	Power Supply	DC24V
	Operating Temperature	-10~40℃
	Maximum Humidity	90%R.H without dew
	Test Standard	Class III 6000e,1μV/d
	Power Consume	About 15W
Measurement parameters	A/D converter type	24 bit Sigma-Delta
	A/D Conversion Rate	120/240/480/960 times /per second
	Non-Linear	0.01%F.S
	Gain Drifting	10PPM/℃
	Minimum Sensitivity	0.02μV/d
	Analog Input Range	0.02~15mV
	Display Accuracy	1/100,000
	Power Source for Load Cell	DC5V 125mA(MAX)
	Input Resistance	10MΩ
	Zero Point Adjustment Range	0.002~15mV（load cell 3mV/V）
I/O Interfaces and Communications	12 Input 16 Output, I/O Selectable	
	12 Input, Active-low Start, Emergency stop, Stop, Pause, ZERO, Clear alarm, Change recipe, M-DISC permission, TARE, Clear tare, Manual stir, etc.	
	16 Output, Single drive current 500mA Run, Stopped, Coarse flow, Medium flow, Fine flow, Result waiting, Over/under, DISC, -NZ-, Alarm, Stir, etc.	

Installation dimensions

Application Schematic Diagram

Batching, up to 12 materials
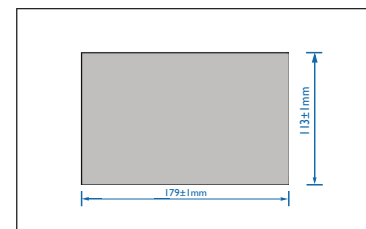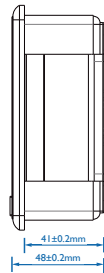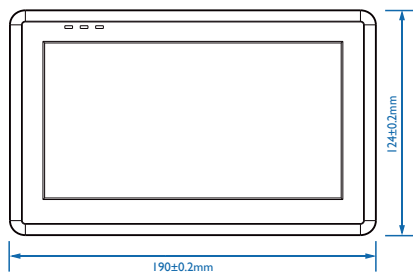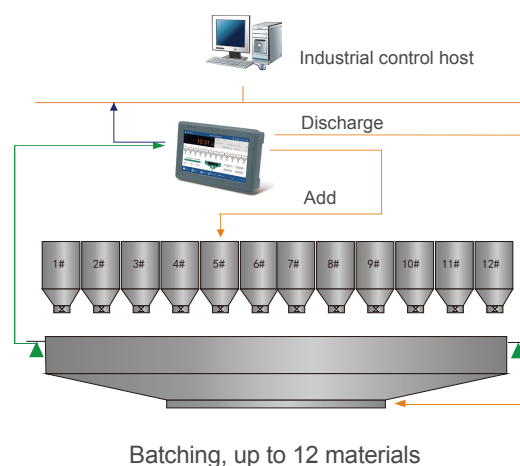
M04 SERIES
WEIGHING CONTROLLER

CE OIML

Making the World Measurable
Linking Your Smart Life

It can be widely used in food, feed, seed, chemical, building materials, and other industries.

A/D Max. 960t/s
Display Accuracy 1/100000

Advanced New Algorithm,
Optimised Hardware,
Faster and More Accurate
Weighing Control.

5-inch Screen

Easy Operation
Elegant Appearance

Administrator	
1.Recipe	Indicator has 40 recipe memories from 01 to 40.
2.Working Parameter	Each recipe includes many parameters.
3.Peripherals	User can according set and edit this value.
4.Motor Parameter	
5.Calibration	
6.ACUM And Batch	**Recipe ID**
7.I/O Module	01
8.Serial Port	**Target**
9.User Management	0.00kg
10.System Info.	**Button : 1-Choose Recipe**

System Info

USB Data Import	USB Data Export	Shortcut Setting	Other Setting
1.All Parameter			
2.Working Parameter			
3.Recipe Parameter			
4.Peripherals Parameter			
5.Motor Parameter			
6.Calibration Parameter			

USB Port

Easy to Import and Export Data
Upgraded Software
User-friendly Boot Screen

▶ Standard RS485+RS23(ModbusTCP)
Easier for System Interaction

Standard I/O

Active Low-Level for Input
Low-Level Effective
500mA for Single Drive Current
User-defined I/O

▶ M04 with Single Hopper: 8 Input/12 Output
M04 with Double Hopper: 12 Input/17 Output
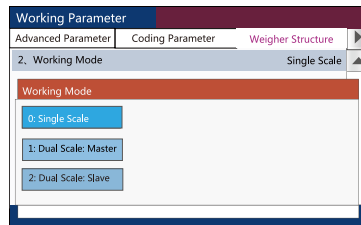
M04-2
Bagging Scale Controller

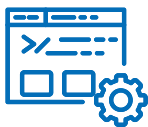M04-2 software supports for multi-type bagging scale application.

Version Featuers

MULTI-MODE

Supporting the hopper/non-hopper mode and the double scale inter-locking mode (two controllers working synchronously).

Supporting I/O tests, easy for products debugging.

Automatic three material speed feeding control, with optional manual slow feeding function.

Multiple digital filtering to improve the anti-interference capability of the packaging scale.

Batch setting function, patting bags function, suitable for packaging powder materials
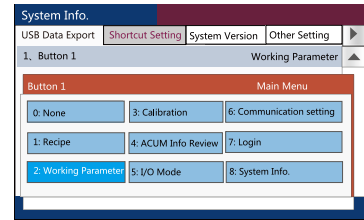
Feed control function, convenient for controlling the connection between packaging scale and feeding equipment.

Multiple levels of operating permissions, such as users, administrators and system administrator.

Button Functions

One-click button can be set for recipe selection, batch setting, parameter calibration, etc.

System Info.			
USB Data Export	Shortcut Setting	System Version	Other Setting ▶

1、Button 1   Working Parameter ▲

Button 1		Main Menu
0: None	3: Calibration	6: Communication setting
1: Recipe	4: ACUM Info Review	7: Login
2: Working Parameter	5: I/O Mode	8: System Info.

Administrator

1.Recipe
2.Working Parameter
3.Peripherals
4.Motor Parameter
5.Calibration
6.ACUM And Batch
7.I/O Module
8.Serial Port
9.User Management
10.System Info.

Indicator has 40 recipe memories from 01 to 40. Each recipe includes many parameters. User can according set and edit this value.

Recipe ID
01

Target
0.00kg

Button : 1-Choose Recipe

Database

It can store 20 groups of recipes. For each recipe, the target value, fast/slow feeding mode, drop value and other parameters can be set up manually.

I/O Port

8 Input/12 Output

Used to start and stop, and carry out A/B scale feeding, A/B scale unloading and other operations.

RS485+RS232

For connecting PC, PLC, Printer, Label Printer, Remote Display, or other external devices, for reading and setup remotely.
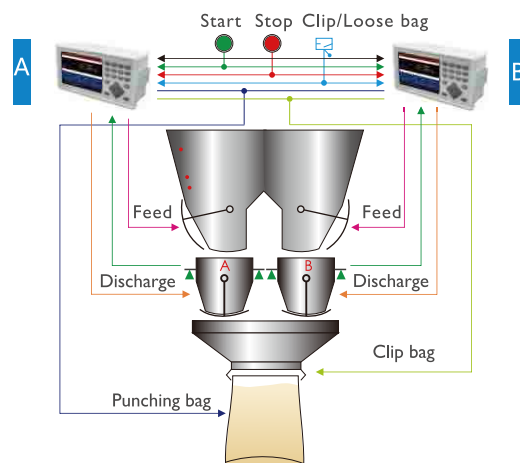
USB

For importing and exporting recipes, works, I/O function, communication and other parameters, upgrading system software, customizing boot screen, etc.

ModbusTCP

For connecting PC, PLC, Printers, etc. , for reading remotely.

Application Schematic Diagram
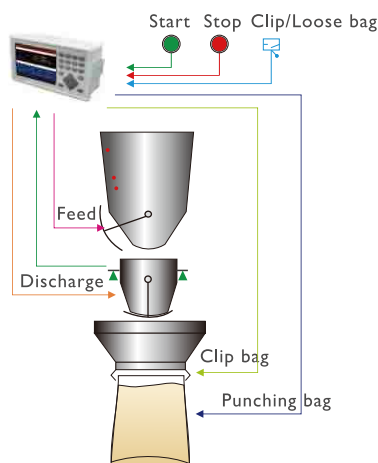
Single Channel Packaging Controller with Hopper

Double Channel Packaging Controller with Hopper
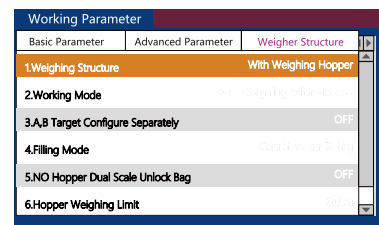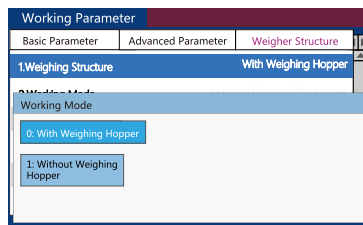
M04-D
Bagging Scale Controller with Double Hopper

M04-D software supports for
multi-type bagging scale application (dual mode).

Version Featuers

MULTI-MODE

Supporting hopper / non-hopper mode, pnematic and electric mode.

Working Parameter		
Basic Parameter	Advanced Parameter	Weigher Structure
1.Weighing Structure		With Weighing Hopper

Working Mode
- 0: With Weighing Hopper
- 1: Without Weighing Hopper

Working Parameter		
Basic Parameter	Advanced Parameter	Weigher Structure
1.Weighing Structure		With Weighing Hopper
2.Working Mode		
3.A,B Target Configure Separately		OFF
4.Filling Mode		
5.NO Hopper Dual Scale Unlock Bag		OFF
6.Hopper Weighing Limit		

Supporting I/O tests, easy for products debugging.

Automatic three material speed feeding control, with optional manual slow feeding function.

Multiple levels of operating permissions, such as users, administrators and system administrator.

Batch setting function, patting bags function, suitable for packaging powder materials

Feed control function, convenient for controlling the connection between packaging scale and feeding equipment.

Multiple digital filtering to improve the anti-interference capability of the packaging scale.

Button Functions

Shortcut key can be set to facilitate formulation selection, batch setting, parameter calibration and other operations.
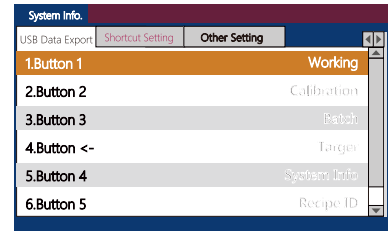
Database

It can store 40 groups of recipes. For each formula can input target value, fast/slow feed, drop value and other parameters. Parameters can be entered manually or imported through USB interface.
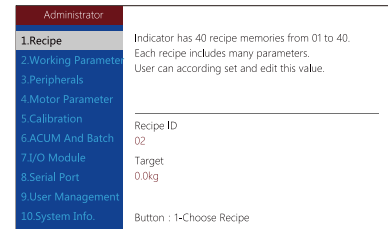
I/O Port

| USB	RS485+RS232	12 Input/17 Output
For importing and exporting formula, working, I/O function, communication and other parameters, also for upgrading system/software, and customizing boot screen.	For connecting PC, PLC, printer, label printer, remote display, coding machine or other external equipment, which can be used for remote reading and setting.	For starting , and stopping, and carrying out A/B scale feeding, A/B scale unloading and other operations.

Application Schematic Diagram
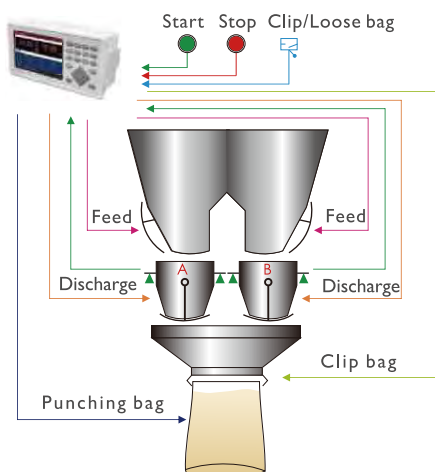
Double Channel Packaging Controller with Hopper
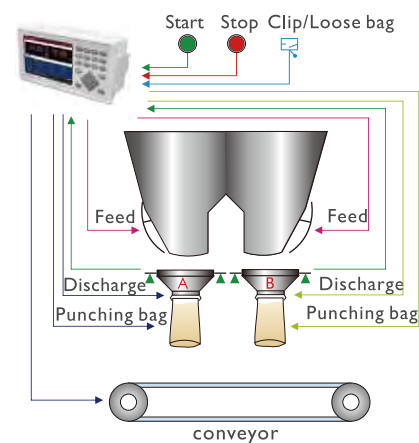
Double Channel Packaging Controller without Hopper

M04-6/6D

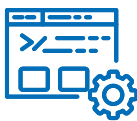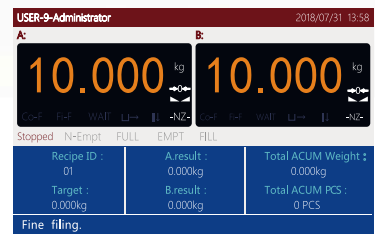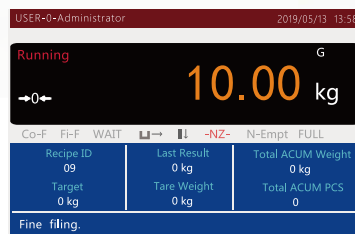## Single/Double Nozzle for Liquid Filling Application

M04-6/6D software supports for single/double nozzle liquid filling application.

Version Featuers

M04-6/M04-6D

Selective single or double hopper filling scale: M04-6 or M04-6D

USER-0-Administrator   2019/05/13 13:58
Running   G
→0←   10.00 kg
Co-F   Fi-F   WAIT   ⊔→   ⏸   -NZ-   N-Empt   FULL
| Recipe ID 09 | Last Result 0 kg | Total ACUM Weight 0 kg |
| Target 0 kg | Tare Weight 0 kg | Total ACUM PCS 0 |
Fine filing.

USER-9-Administrator   2018/07/31 13:58
A: B:
10.000 kg   10.000 kg
Stopped   N-Empt   FULL   EMPT   FILL
| Recipe ID : 01 | A.result : 0.000kg | Total ACUM Weight : 0.000kg |
| Target : 0.000kg | B.result : 0.000kg | Total ACUM PCS : 0 PCS |
Fine filing.

Supporting I/O tests, easy for products debugging.

Automatic two material speed feeding control.

Multiple levels of operating permissions, such as users, administrators and system administrator.

Batch setting function.

Feeding control function facilitates the control connection between filling scale and frontend feeding equipment.

Multiple digital filtering to improve the anti-interference capability of the packaging scale.

Button Functions

Quick access key can be set to facilitate formulation selection, batch setting, parameter calibration and other operations.

▶ Database

It can store 20 groups of recipes. For each formula can input target value, fast/slow feed, drop value and other parameters.
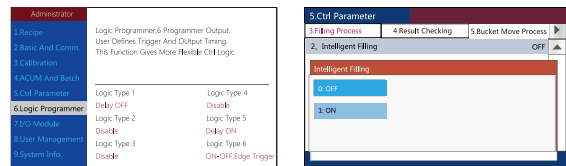
Auxiliary logic programming function

Up to 6 sets of logic trigger signals can be defined, and simple logic signal output can be configured to control the upper barrel, gland, coding and other auxiliary devices.

▶ Intelligent feeding control

Automatic adjustment of fast feeding, slow feeding, filling scale speed and accuracy to achieve the best.

I/O Port

| RS485+RS232	USB	8 Input/12 Output
For connecting PC, PLC, printer, label printer, remote display, coding machine or other external equipment, which can be used for remote reading and setting.	For importing and exporting formula, working, I/O function, communication and other parameters, also for upgrading system software, and customizing boot screen.	For starting, stopping, feeding, unloading, clamping/loosening, etc.

Application Schematic Diagram
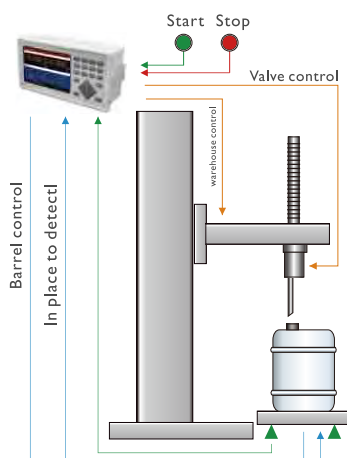
Single Nozzle for Liquid Filling Application
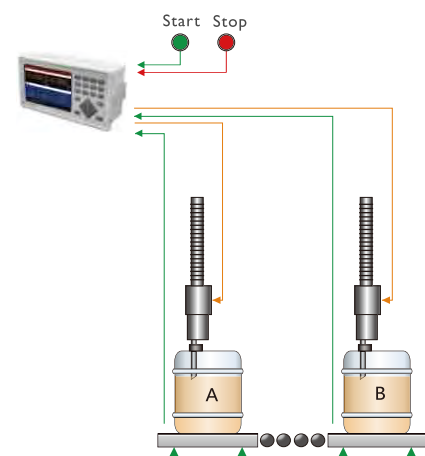
Double Nozzle for Liquid Filling Application

Specification

Model		M04
General Specification	Power Supply	AC90~260V 50Hz(or 60Hz) ±2%
	Operating Temperature	-10 to 40℃
	Maximum Humidity	90% R.H without dew
	OIML Standard	OIML R76: Class III 6000 divis. 1μV/d
	Power Consume	About 15W
	IP Level	Front panel IP65
A/D Converter	Type	24-bit Sigma-Delta
	Conversion Rate	120/240/480/960 SPS
	Non-Linear	0.01% F.S
	Gain Drifting	10PPM/℃
	Minimum Sensitivity	0.02 uV/d
	Analog Input Range	0.02mV -15mV
	Display Accuracy	1/100000
	Power Source for Load Cell	DC5V 125mA (MAX)
	Input Resistance	10MΩ
	Zero Point Adjustment Range	0.02～8mV (When the transducer is 2mV/V.)

Dimensions
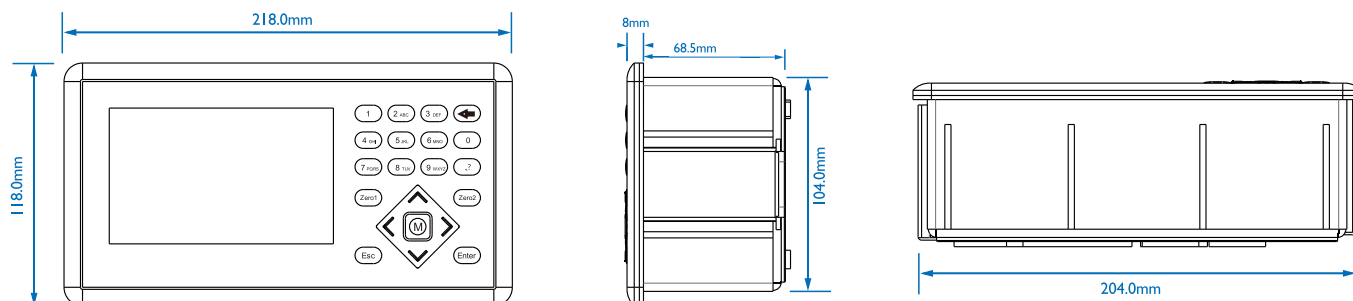
218.0mm
118.0mm
8mm
68.5mm
104.0mm
204.0mm

LinkedIn   Facebook   Wechat

HIGHLY DURABLE
REMOTE DISPLAY

It is a outdoor truck scale remote display of highest quality with full stainless steel body with IP65 standard, which is the ultra bright LED display with wide viewing angle of 170 degrees and crystal clear under sunlight.

Durable with High Quality

- Stainless steel outer casing.
- IP65 dustproof and waterproof.
- Equipped with 2 IN 3 OUT I/O module.

Elegant Design

- Double-row high-intensity LED display.
- Super wide range at 170 degree angle of view.

Flexible and Easy to Use

- Support more than 30 kinds of communication protocols.
- Masterful mechanical design to be installed simply.
- Communication by RS232 or RS485 or electronic current loop.
- Wireless communication(optional).

GM8892 and GM8895 are designed for outdoor truck scale with stainless steel outer casing, IP65 standard, and highest quality guarantee. The ultra bright LED provides high visibility with 170 degrees viewing angle even under blazing sunlight.

Remote Display GM8892

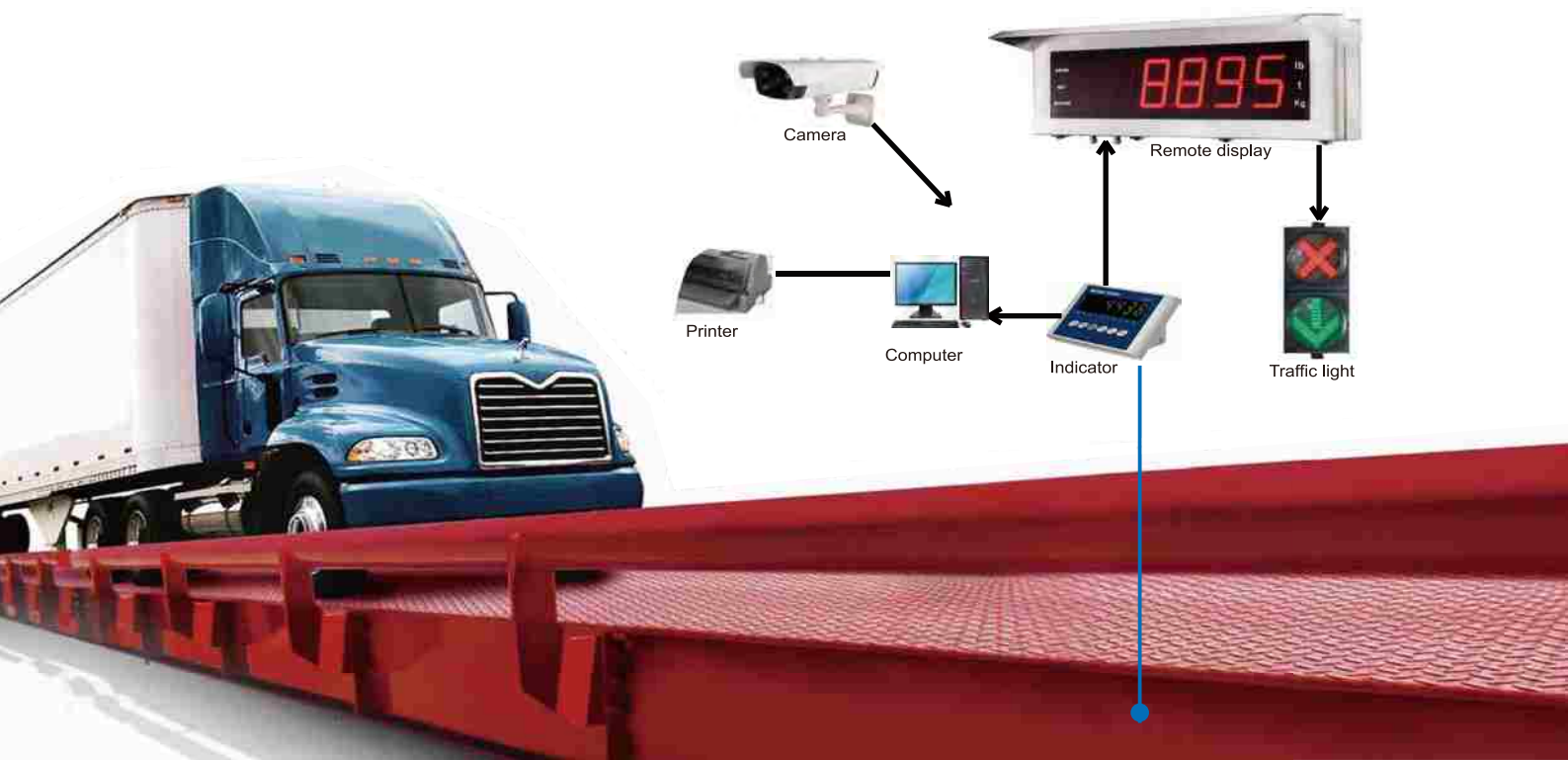High Clarity LED Remote Display for Truck Scales

Remote Display GM8895

High Clarity LED Remote Display for Truck Scales
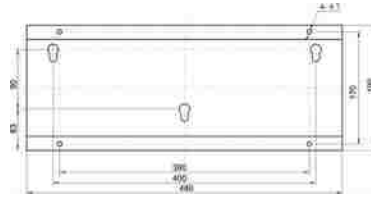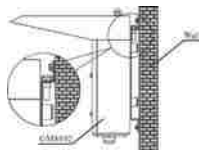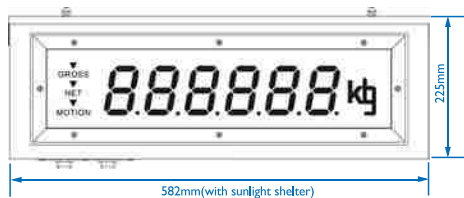
Communication

Our remote displays offer unmatched flexibility with smart data recognition system compatible with indicators for truck scales, such as AD-4321, AD-4323, TOLEDO, Fairbanks, R2500, UMC600, GSE50 serial, Rinstrum, WI-125,WI-127, Df1500 etc.
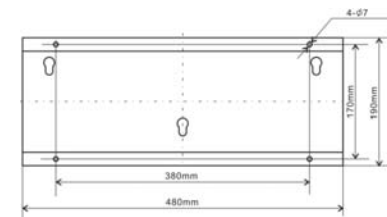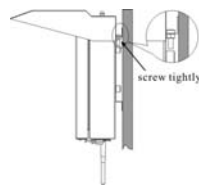
Camera

Remote display

Printer

Computer

Indicator

Traffic light

Specification

Model	GM8892	GM8895
INDICATOR POWER		
Power Supply	90V ~ 260V AC 50Hz(or 60Hz)±2%	90V ~ 260V AC 50Hz(or 60Hz)±2%
Power Consume	20W	40W
DISPLAY		
Display	6 digits, 7 segments, Ultra bright LED	6 digits, 7 segments, Ultra bright LED
Digits Size	7cm	12cm
LED Indicators	3 LED, Gross, Net, Motion	3 LED, Gross, Net, Motion
Visible angle	10 degree to 170 degree	10 degree to 170 degree
ENVIORNMENTAL		
Operating Temperature	-10℃ to 40℃	-10℃ to 40℃
Storage Temperature	-25℃ to 70℃	-25℃ to 70℃
Humidity	90% R.H without dew	90% R.H without dew
IP Level	IP65	IP65
MECHANICAL DATA		
Dimensions with sun shelter	578×210×62 mm (L×W×H)	900×280×106mm (L×W×H)
Dimensions without sun shelter	582×225×200mm(L×W×H)	903×296×257mm(L×W×H)
Weight	Approx. 8kgs	Approx. 16kgs
Certification	CE	CE
Enclosure	stainless steel	stainless steel
COMMUNICATION		
Interface	RS485/RS232; Current Circle; Wireless(Optional)	RS485/RS232; Current Circle; Wireless(Optional)
INIDICATOR SUPPORTED		
AD-4321, AD-4323, TOLEDO&Fairbanks, R2500, UMC600, GSE50 serial, Rinstrum, WI-125, WI-127, DF1500		

GM8892

582mm(with sunlight shelter)

GM8895

903mm(with sunlight shelter)