

GMC-X904-S2/SD

Linear Feeder Controller



The GMC-X802-C2/D is a weighing module developed for linear feeder packing systems with vibrators. Single scale (S2) or dual scale (SD) are selectable. The new algorithm makes the weighing control faster and more accurate. Various communication ports make the equipment easier to connect with the system. it is suitable for weighing powdery or small granular materials, such as sugar, salt, seeds, rice, sesame, spice, milk powder, coffee, washing powder, etc.



HARDWARE HIGHLIGHT



Standard:

- ① Serial Port: 1 RS485 + 1 RS232 or 1 RS485;
- ② USB: for data backup and system upgrade;
- ③ I/O: 12 inputs 16 outputs;

Options:

- ① Single or dual network ports;
 - ② 1-4 DA output or 5 IN 6 OUT I/O or 4 SCR voltage regulator interface;
- (Option①②can be selected at the same time)

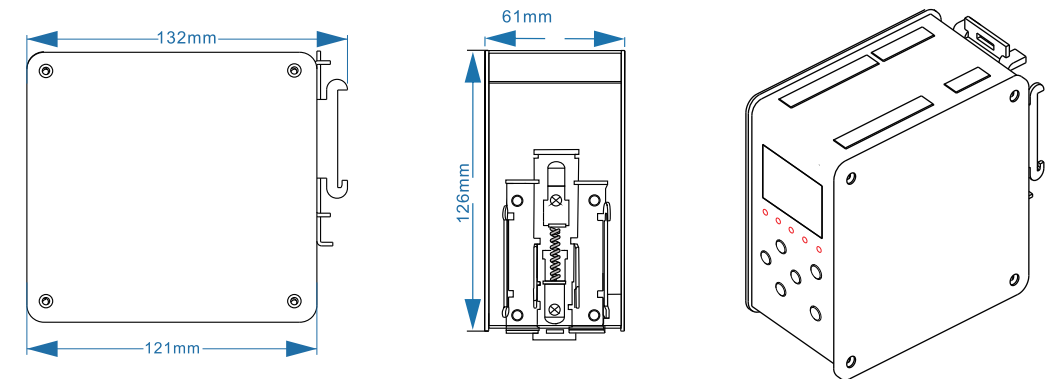


Functions

- DIN rail mount, save space;
- With screen and buttons for easy operation;
- Multiple operating modes, including Master/Slave, For dual packing scales, up to 3 controllers for 6 packing scales interlocking without PLC;
- McgsPro program sample code of single / double / four / six scales can be provided;
- Various feeding mechanisms: vibrator, air cylinder, stepper/servo motor;
- Various discharging mechanisms: pneumatic, common motor, stepper motor, etc.;
- Support for batching management, bag clamp/loosen, material level control, over-under alarm and under-level feed;
- Support analog self-search, lead adaptive function, reduce the difficulty of debugging, to achieve intelligent system;
- Integrated with an SCR power output interface, the controller can directly drive electromagnetic vibratory feeders and vibrators, enabling fast and slow speed feeding control.

Specifications

General Specifications	Model	GMC-X904-S2/SD
	Power	DC 24V ±5%
	Working Temperature	-10 ~ 40°C
	Humidity	90%R.H no condensation
	Power Consumption	Approx. 5W
	Calibration standard	ClassIII 6000e, 1μV/d
	Size	61mm x 132mm x 126mm
Weighing Parameters	A/D Conversion	24 bits Delta-Sigma
	Nonlinearity	0.01%F.S
	Gain Drift	10 PPM/°C
	Sensitivity	0.1μV/d
	Input range	0.02~11mV (load cell: 2mV/V)
	Load Cell Power	DC5V, 125mA(Max)
	Input Impedance	10MΩ
	Zero Adjustment Range	Max 0.02~8mV (load cell: 2mV/V)



*Specification and dimension may be upgraded, please consult sales manager for the latest info.

Application

