



EXCELL



Both IP68 & IP69 Ratings

THE NEXT GENERATION IN WATERPROOF WEIGHING TECHNOLOGY

Conquer Extreme Environments
Achieve Unmatched Weighing Precision



High-temp
Water Jet
Resistant



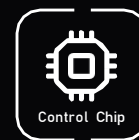
100 Bar
Water Jet
Resistant



Multi-color
Backlight



55mm
large-font
LCD



Latest
Industrial
Control Chip



Stainless
Steel
SUS 304

FEATURES

SGS Certified Dual Protection Levels

The only one on the market, leading the industry and providing exceptional water and dust resistance. Featuring waterproof mechanical keys & cable glands.

High-Performance Industrial Control Chip

Provide superior performance and connectivity.

Meet Hygiene Requirements

Use food-Grade 304 Stainless Steel Housing and hex screws ideal for food processing.

Large LCD Display

55mm high characters, no/auto/always-on backlight modes with four adjustable brightness levels ensuring easy readability in various environments.

Multi-Color LED Backlight

The default backlight colors include white, red, yellow, green, and orange. In checkweighing mode, these colors can be selected to indicate High/Low/Ok status.



Multi-Functional Indicators

Includes pre-tare, auto average unit weight, gross/net weight indicators, low power indicator, and auto power-off function for convenient operation.

Easy Counting Function

Convenient to operate, ensuring fast and efficient counting.

Various Option cards with Dual independent UARTs

Meet different needs, expand functionality, enhance product flexibility and better support various

Complies with Latest Safety Standards

EU safety and EMC standards EN 61010-1:2010/A1:2019 and EN IEC 61326-1:2021 for industrial environments, ensuring safety and reliability.

Galaxy ABS Plastic Version

Available in an ABS plastic body version to meet different market demands.

Optional Stainless Steel SS Platform

Made with 304 stainless steel with IP67 stainless steel L/C to enhance durability. Platform size 40x50mm with capacity of 150/300KG.

SPECIFICATIONS

| | | | | |
|--------------------------|---|---|---|--|
| System | Processor ADC | 32 bit CPU with IEC60730 functional safety compliance for temperature range of -40°C to +105°C 24-bit ADC with ultra-low-noise amplifier | | |
| Display | LCD Backlight Brightness | 6-digit LCD display with 55mm high characters Multi-color LED, can select White, Red, Yellow, Orange or Green 4-level adjustment at 25%, 50%, 75%, 100% | | |
| Mechanical Design | Body Key Connector Screw Mounting | SUS 304 Housing Mechanical key PA66 plastic, compliant with UL 94V-2 rating / Optional upgrade to SUS304 material SUS 304 Hex head screw SUS 304 U shaped stand | | |
| I/O ports | L/C RS-232 Pressure relief valve Power line | Options | RELAY card RS-232/485 card B/T 4.0 card WI-Fi card | RJ45 ethernet card USB card for data log Foot switch |
| Power | Built-in Switching power Battery | AC 100V~AC240V DC 6V/4Ah rechargeable lead-acid battery | | |
| Certificate | EMC & Safety | FCC, EMC, LVD | | |
| Environment | Dust & Water Proof Operating Temperature Humidity | Both IP68 & IP69 -10°C to +40°C 20% ~ 85% RH non-condensing | | |
| Dimensions | W x H x D | 232 x 150 x 80mm | | |