EXCELL

Queen IP68 IP69 — kg
Galaxy IP68 IP69 — kg

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 processsing.

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.

Variouis 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 to enhance durability. Platform size 40x50mm with capacity of 150/300KG.

SPECIFICATIONS

System	Processor	32 bit CPU with IEC60730 functional safety compliance for temperature range of -40°C to +105°C
	ADC	24-bit ADC with ultra-low-noise amplifier
Display	LCD	6-digit LCD display with 55mm high characters
	Backlight	Multi-color LED, can select White, Red, Yellow, Orange or Green
	Brightness	4-level adjustment at 25%, 50%, 75%, 100%
Mechanical Design	Body	SUS 304 Housing
	Key	Mechanical key
	Connector	PA66 plastic, compliant with UL 94V-2 rating / Optional upgrade to SUS304 material
	Screw	SUS 304 Hex head screw
	Mounting	SUS 304 U shaped stand

I/O ports	L/C	Options	RELAY card	RJ45 ethernet card
	RS-232		RS-232/485 card	USB card for data log
	Pressure relief valve		B/T 4.0 card	Foot switch
	Power line		WI-Fi card	

Power	Built-in Switching power	AC 100V~AC240V
	Battery	DC 6V/4Ah rechargeable lead-acid battery
Certificate	EMC & Safety	FCC, EMC, LVD
Environment	Dust & Water Proof	Both IP68 & IP69
	Operating Temperature	-10°C to +40°C
	Humidity	20% ~ 85% RH non-condensing
Dimensions	W x H x D	232 x 150 x 80mm