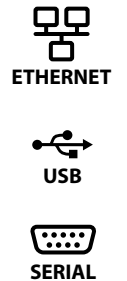


# Model 365 Indicator

The future of weighing — an indicator built for today’s needs and tomorrow’s challenges.



## Technical Specification



Model 365 Indicator  
IP69K Stainless Steel Enclosure  
IBN Display  
IP69K

## DESCRIPTION

Highly adaptable multi-function indicator gives you the flexibility required to suit different applications. Suitable for factory floor and high pressure and heavy washdown environments, the Model 365 Indicator will analyze, store, display and transmit data across a range of applications.

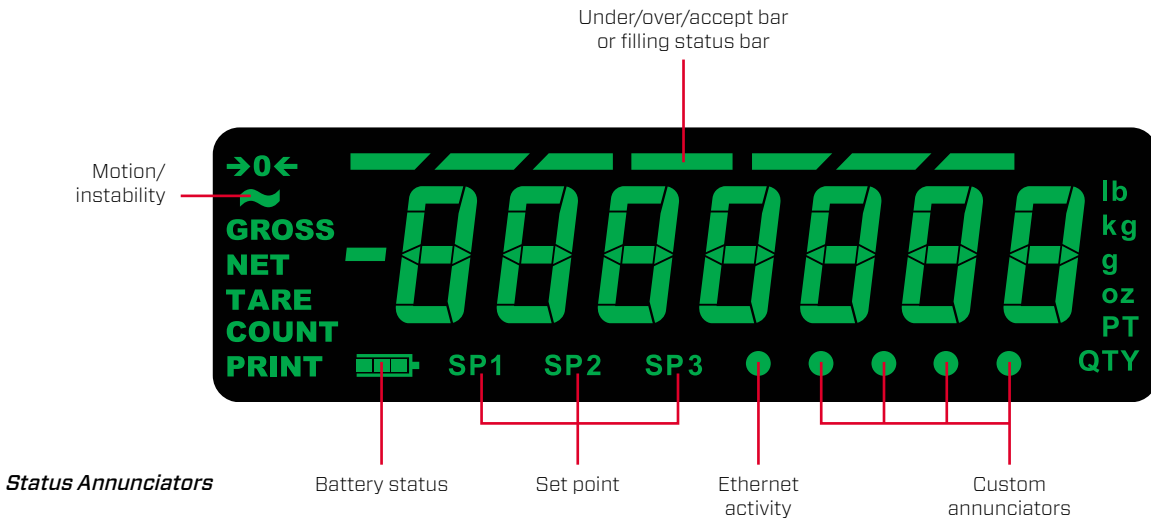
## SPECIFICATIONS

### GENERAL

<b>Operating Applications</b>	General weighing, accumulation, check weighing, counting, peak measurement, batching and remote display
<b>Unit of Measure</b>	Six, configurable (Pounds, Kilograms, Ounce, Gram, Pound/Ounce, Custom)
<b>Capacity Selections</b>	9,999,999 with decimal located zero to five places
<b>Programmable Selections</b>	Zero range, motion detection, automatic zero tracking, five point linearization
<b>Time and Date</b>	Battery backed up time/date/year (12 hr or 24 hour format)
<b>Calibration</b>	Two to five points stored
<b>Analog to Digital Measurement Rate</b>	80 Hz
<b>Internal Resolution</b>	53,687,100 counts per mV/V per second
<b>Digital Filtering</b>	Harmonizer filtering with adaptable constant and threshold
<b>Self Diagnostics</b>	Display, keys, inputs, outputs, serial port

## USER INTERFACE

<b>Keypad</b>	24 key chemical resistant keypad with metal domed tactile feedback
<b>Operational Keys</b>	Zero, Print, Units, Tare, Select, Sample, Target, ID, Start, Stop, 0-9, Decimal, Clear, F1, Setup
<b>Status Annunciators</b>	Center of Zero, Motion, Gross, Net, Tare, Count, Print, Battery status, Set point 1,2,3, Over/Under/Accept bar graph or fill bar graph, LB, KG, Gram, Oz, Preset Tare, Quantity, (Custom unit of measure - Ton, Troy Ounce, Tonne, Feet/Meters, etc), Active Ethernet connection.
<b>Display</b>	IBN illuminated, 7 digit, nine segment display, green on black background 0.8" (20 mm) high digits Annunciators for status and mode identification Sortbar/Checkweigher segments
<b>Display Rate</b>	Selectable (1, 2, 5, 10, 20) times per second



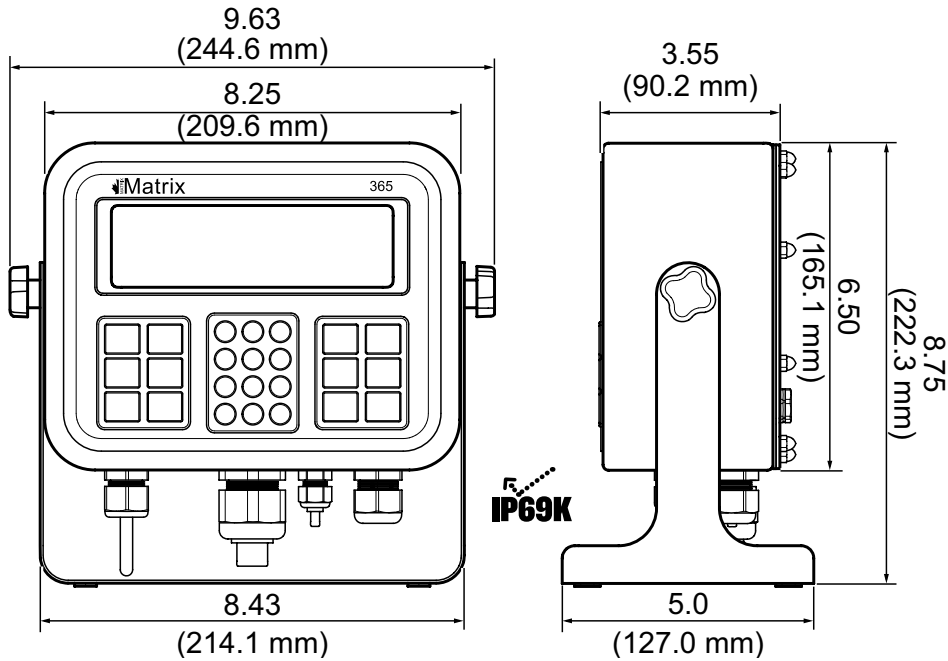
Status Annunciators



365 keypad - 24 keys

**PHYSICAL**

<b>Enclosures</b>	304 brushed stainless steel (IP69K certified) with GORE® Vent ventilation and tilt stand with provisions for desk, wall and column mounting
<b>Operating Temperature</b>	-14° F to 104° F / -10° C to 40° C (approval) -4° F to 140° F / -20° C to 60° C (industrial) Humidity: 10% to 90% relative, non-condensing
<b>Shipping Weight</b>	8.09 lb (3.67 kg)
<b>Dimensions (L X W X H)</b>	9.6" x 5" x 8.8" (243 mm x 127 mm x 223 mm)





# Model 365 Indicator *Technical Specification*

## INPUT/OUTPUT

<b>Remote Inputs</b>	Three logic level inputs for Zero, Print, Tare, Units or F1
<b>Standard Outputs</b>	Three set point outputs, open collector design
<b>Serial Ports</b>	Two serial ports: <ul style="list-style-type: none"> <li>- Comm 1 RS232 full duplex</li> <li>- Comm 2 RS232 full duplex</li> </ul> Or <ul style="list-style-type: none"> <li>- Comm 1 RS232 full duplex with handshaking</li> <li>- Comm 2 Not available</li> </ul> Programmable serial response to ASCII input SMA protocol, broadcast, enquire
<b>USB Host</b>	Printer Connect USB flash memory
<b>Ethernet</b>	Ethernet IP, FTP, Modbus TCP and DHCP
<b>Optional</b>	Analog output Current Loop/RS485/RS422 USB Device Internal Wireless 802.11b/g




## ELECTRICAL

<b>Power Requirements</b>	<i>Line voltage:</i> 90-264 VAC (110-240 VAC nominal), frequency 50 or 60 Hz, 12 to 36 VDC <i>Power consumption:</i> estimated at 200 mA at 12 VDC for one weight sensor and 250 mA at 12 VDC for six weight sensors.
<b>Excitation</b>	5 VDC, short circuit protected Supports up to six 350 ohm weight sensors 4 or 6 conductors with sense leads Detachable plug connectors
<b>Analog Signal Input Range</b>	-1 mV/V to 5 mV/V
<b>Analog Signal Sensitivity</b>	0.1 $\mu$ V/V/divisions minimum 0.5 $\mu$ V/V/divisions recommended
<b>Circuitry Protection</b>	RFI, EMI and ESD protection

## OPTIONS

<b>PC Card (choose one)</b>	<i>Analog output card:</i> 0-5 VDC, 0-10 VDC and 4-20 mA <i>Current Loop Card:</i> Current Loop and RS485/RS422 <i>USB device card:</i> Provides USB interface to PC <i>Wireless internal card:</i> 802.11b/g wireless data communications kit with antenna
<b>External Battery Pack</b>	Attachable external battery pack with on/off. Uses four D batteries providing 12 hours operation on a single weight sensor system and 11 hours on a four weight sensor system
<b>ZM-OPTO</b>	Provides setpoint interface
<b>USB Watertight Gland</b>	Rubberized and sealed with 6" lead
<b>Ethernet Watertight Gland</b>	Rubberized and sealed with 6" lead

## APPROVALS

<b>Agencies</b>	AM-5882C (Measurement Canada) UL/C-UL-US IP69K (case)			
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