Avery Weigh-Tronix

ZM
205 INDICATOR

A fast, reliable, dual-display indicator for use at airport check-in desks.

Designed for the busy, demanding airport check-in environment

Fast Baggage Weighing

Avery Weigh-Tronix

At a busy airport check-in desk, speed and accuracy are vital. Fast, precise processing of baggage can have a direct impact on revenue, health and safety and customer service. The ZM205 meets these needs by providing fast, accurate weight readings. The ZM205 includes both operator-facing and passenger-facing display units and is designed to interface with a wide range of scale bases, PCs and printers.

Easy-to-read dual displays

The ZM205 features a bold and easy-to-read operator display. Operator eye fatigue is reduced through the use of TN display technology. This combination of black digits and green backlight results in a highly visible weight display that can be read in a variety of lighting conditions, from extended distances and angles.

The passenger unit delivers improved customer service by providing a straightforward, easy to interpret indication of baggage weights.

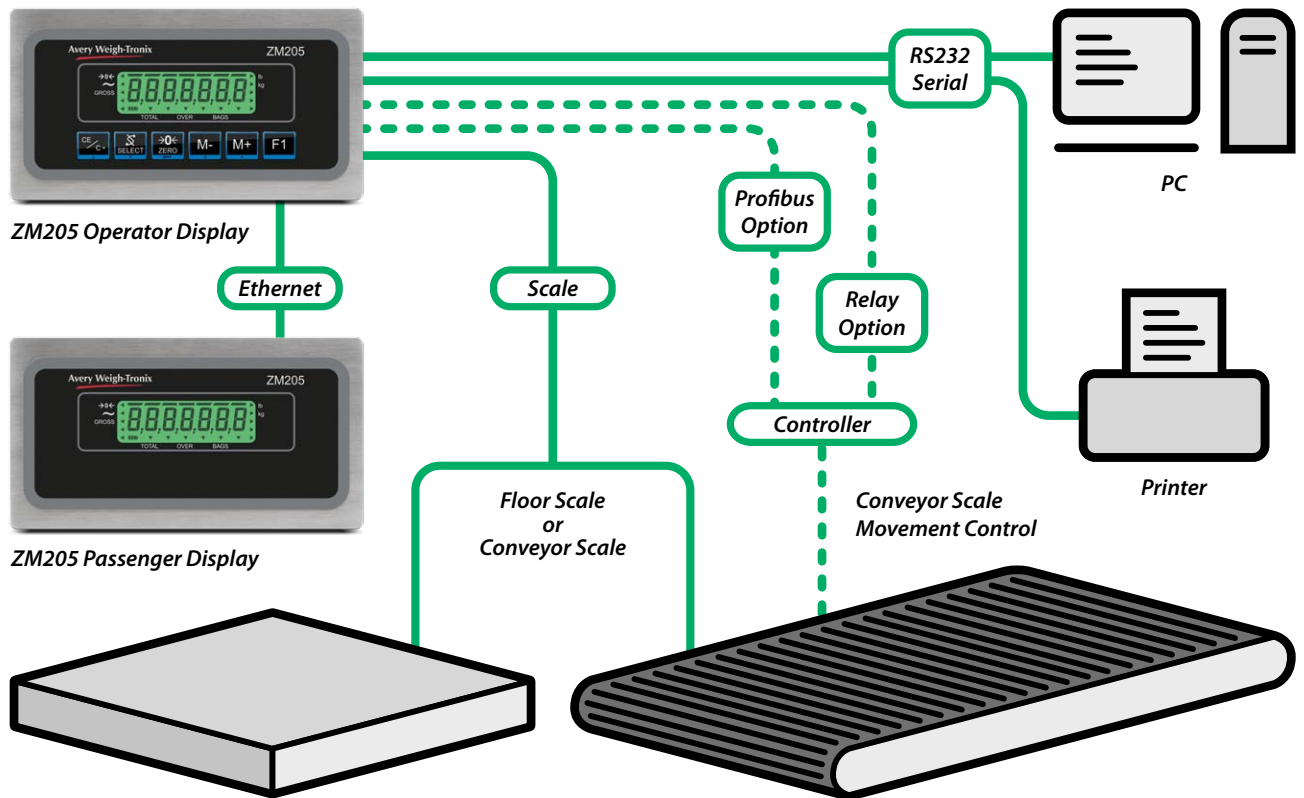## Designed for simplicity, engineered for excellence

The ZM205 operator display features five operational keys. Designed with simplicity, speed and ease of use in mind, these keys fulfill common operational requirements with minimal button presses. The keypad itself is extremely durable and features internal springs, giving the operator a tactile indication that the keys have been pressed effectively.

Operator-facing unit

Passenger-facing unit

ZM205 Operator Display

Ethernet

Scale

ZM205 Passenger Display

RS232 Serial

PC

Profibus Option

Relay Option

Controller

Floor Scale or Conveyor Scale

Conveyor Scale Movement Control

Printer

Easy information access

The operator display consistently shows the live weight, with the capability to cycle through the total weight and quantity of bags at the touch of a button.

Live weight

Total weight

Bags

Data transfer

The ZM205 features two serial RS232 ports for data transfer to peripherals such as printers or PCs. Passenger and operator indicators are connected via robust Ethernet technology, ensuring uninterrupted communications.

Options for added functionality

The ZM205 operator indicator can be fitted with an optional Profibus or Relay Control kit which can interface with a baggage conveyor system to automate the movement of the conveyor.

Legal for trade

The ZM205 is approved for trade in many geographies worldwide, making it the ideal solution for capturing weight data and overweight baggage revenue.

Specifications

For full specifications, see the ZM205 technical specifications document.
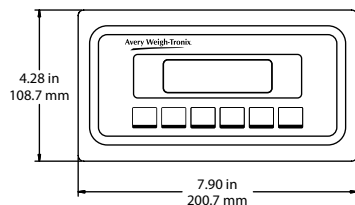
ELECTRICAL

Power Requirements	*Line voltage:* 90 VAC to 264 VAC (110-240 VAC nominal), frequency 50 or 60 Hz, 12 to 36 VDC *Power consumption:* estimated at 200 mA at 12 VDC for one weight sensor (including passenger display) and 220 mA at 12 VDC for four weight sensors (including passenger display).
Excitation	5 VDC, short circuit protected Supports up to four 350 ohm weight sensors 4 or 6 conductors with sense leads Detachable plug connectors
Analog Signal Input Range	-1 m/V/V to 5 mV/V
Analog Signal Sensitivity	0.1 µV/V/divisions minimum 0.5 µV/V/divisions recommended

USER INTERFACE

Operational Keys (Operator Indicator)	CE/C*, Select, Zero, M-, M+, F1 (no keys on passenger display)
Status Annunciators	Center of Zero, Motion, Gross, Total, Over, Bag, lb, kg, active Ethernet connection
Keypad	6 key chemical resistant Mylar
Display	*Operator and passenger units:* TN backlit 7-digit seven segment display with 0.5 in / 13 mm high digits
Display Rate	Selectable (1, 2, 5, 10) times per second

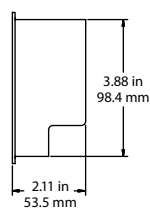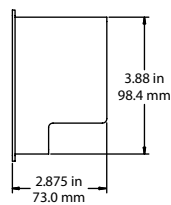## PHYSICAL

Operating Temperature	Compliance with legal-for-trade requirements *Approval:* 14° to 104° F / -10° to 40° C at 10 to 90% relative humidity, non-condensing *Industrial:* -4° to 140° F / -20° to 60° C at 10 to 90% relative humidity, non-condensing
Enclosure	IP66 stainless steel panel mount
Shipping Weight	8.01 lb / 3.63 kg
Dimensions	*See drawing*

4.28 in
108.7 mm

7.90 in
200.7 mm

Operator display

3.88 in
98.4 mm

2.875 in
73.0 mm

4.28 in
108.7 mm

7.90 in
200.7 mm

Passenger display

3.88 in
98.4 mm

2.11 in
53.5 mm

NTEP

OIML

Measurement Canada Approved
AM-5902C

C **UL** US
LISTED

CE

More online

www.averyweigh-tronix.com/zm205

› Technical specifications
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Avery Weigh-Tronix is an ITW company

ISO 9001