Avery Weigh-Tronix

ZM
205 INDICATOR

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

Frequently Asked Questions

1. For what application is the ZM205 designed?

The ZM205 is designed for airport baggage weighing and is connected to a scale base.

2. What is included in the ZM205 product?

The ZM205 consists of an Operator indicator which has a keypad and a remote indicator for passenger viewing that has no keypad.

3. What display technology do these indicators utilize?

Both indicators use a TN display which provides dark digits against a green background for great viewing in direct sunlight and it has a back light for viewing in dim environments.

4. Does the ZM205 incorporate the modern Avery Weigh-Tronix design standard?

The design language consists of colorful easy-to-read keys and appearance. This exclusive design is patented by Avery Weigh-Tronix via US Patent number 672,262.

5. The keys on the Operator indictor have a crisp response, is this normal?

The indicator's durable front panel is chemical resistant and the keys' tactile feedback is maintained by high quality steel spring domes.

6. What power source is required to operate these indicators?

The indicators operate from a mains power of 90-264 VAC (110-240 VAC, nominal), 50 or 60 Hz, 12 to 36 VDC In- Line power assembly.

7. How many 350 ohm weight sensors does the ZM205 support?

The ZM205 supports up to four 350 ohm weight sensors via six conductors or four and the utilization of the sense lead configuration.

8. How do you configure the set up parameters for the indicators?

The indicators can be configured through a sequence of key presses on the front panel or through the use of the PC support software program Ztools.

9. Can communication output strings be changed?

Output strings can be enhanced or modified through the front panel or by using Ztools. For ease of configuration we recommend the use of Ztools (PC software program).

10. What are the PC requirements for Ztools software?

Minimum:
› CPU: Intel Celeron 900 (2.2GHZ/800MHz FSB 1MB Cache) or Intel i3
› RAM: 2GB
› Hard Drive: 500GB
› Video Card: 512MB Integrated
› Display: 15.6 inch display
› Resolution: 1366x768
› OS: WinXP (32-bit), Windows 7 Home Premium (32/64-bit)
› Communications: 10/100 Ethernet
› Optical Drive: CD/DVD

Recommended:
› CPU: Pentium Core 2 Duo T6600 (2.2GHz/800MHz FSB, 2MB Cache) or Intel i5
› RAM: 4GB
› Hard Drive: 500GB
› Video Card: 512MB Integrated
› Display: >15.6 inch display
› Resolution: 1366x768
› OS: WinXP (32-bit), Windows 7 Home Premium (32/64-bit)
› Communications: 10/100 Ethernet
› Optical Drive: CD/DVD

Top of the line:
› CPU: Intel i7
› RAM: >4GB
› Hard Drive: >500GB
› Video Card: 1024MB Dedicated Video Card
› Display: >15.6 inch display
› Resolution: 1920x1080
› OS: WinXP (32-bit), Windows 7 Professional (32/64-bit)
› Communications: 10/100 Ethernet
› Optical Drive: CD/DVD

11. What standard communication ports are included with the ZM205?

The ZM205 includes two programmable RS232 serial ports. They provide programmable serial response to ASCII input, broadcast, enquire, and NCI protocol and support SMA protocol.

The Ethernet port is used for exclusive communications with the Remote (passenger) indicator

12. Which communication port is used to download the Ztools configuration to the indicator?

The Ethernet communication port is used for connecting to the PC and communicating Ztools configurations.

13. What printers and interface technologies have been tested with the ZM205 Indicators?

› AWTX ZC110 Impact Printer (serial)
› AWTX ZG310 Thermal Printer (serial)
› HP A799 (USB, serial)
› Zebra LP2824 (serial)
› Zebra LP2844 (serial)
› Epson TM-U220b (serial)
› Epson TM-T88V M244A (serial)
› LP-250 Brecknell Thermal Printer (serial)
› LP-470 Brecknell Thermal Printer (serial)
› Brecknell DT 2205 (serial,)

14. Are additional options available for the ZM205 Indicators?

There are two options that can be used to provide an interface to control belts or conveyors used in some airport scale applications:

› **Profibus-DP V1 Interface.** Output registers include current weight, stability indication and status information. Input register allows external Tare. Baud rate is auto-sensing within the ProfiBus specification.

› **Internal Relay Switch.** Normally open contact relay that supports 8A at 250VAC.

15. Is the ZM205 Indicator approved legal for trade?

› NTEP (US) Class III/IIIL 10,000 d (CC# 13-017)
› Measurement Canada AM-5902C
› OIML
› Australia (NMI)*
› EC
› South Africa*
› New Zealand*
› India*

 * pending

16. The previous indicator range used some levered connectors or adapters for interface cables; does this product have a better solution?

Improving accessibility for connecting cables was a common design request from customers. The indicator uses a two part detachable solution allowing for connections to be made outside the confined space and then plug this assembly into its socket.

More online

› Technical specifications
› User manuals
› News and information

www.averyweigh-tronix.com/zm205

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