DEFENDER™ 2500
Indicator





Indicator For Basic Industrial Applications

The Defender 2500 Indicator is the affordable solution for weighing applications that require functionality, dependability, and durability. The large bright display clearly shows results for easy use in offices and distribution centers. The Defender 2500 indicator is designed for use in most common industrial weighing applications with flexible power and data connections, and can be easily mounted on a desk or wall.

Unique Features:

- Features software for most common industrial weighing modes such as Parts Counting, Totalization, Dynamic Weighing/Display Hold and Peak Hold, eliminating the need for complicated manual calculations.
- Indicator features an ABS housing and powder coated steel bracket for desk or wall mounting. Display resolution up to 1 : 30 000; OIML approved resolution 1 : 6 000, NTEP certified resolution 1 : 10 000.
- Flexible operation with the included AC adapter and USB Type-C port or the non-included disposable battery.

DEFENDER™2500 *Indicator*

Specifications

Model	i-DT25P
Construction	ABS housing, powder coated steel mounting bracket
A/D Conversion Rate	80 Hz
Capacity Selections	Up to 99 999 kg
Maximum Displayed Resolution	1: 30 000
Maximum Approved Resolution	1: 6 000 e Class III @ 1.5 µV/e (EC, OIML);1: 10 000 (NTEP/Measurement Canada) Class III
Weighing Units	g, kg, lb, oz, lb: oz, t
Application Modes	Weighing, Counting, Dynamic Weighing / Display Hold, Totalization, Peak Hold
Display	28 mm digit height, 6-digit, 7-segment LCD display with white backlight
Keyboard	4 mechanical function keys
Auto-zero Tracking	Off, 0,5 d, 1 d or 3 d
Zeroing Range	2% or 100% of capacity
Calibration	Zero, Span or 3 point-Linear
Span Calibration	1 kg to capacity
Internal Resolution	100 000 counts per mV/V
Digital Filtering/Type	Averaging
Load Cell Excitation Voltage	5VDC
Load Cell Drive	Up to 6 × 350 ohm load cells
Load Cell input Sensitivity	Up to 3 mV/V
Stabilization Time	Within 1 second
Power	AC Power adapter: 100-240VAC ~ 0,5A 50/60Hz; Power output: 5,0 VDC 1,0 A (included) or USB cable (USB connection to PC included) or Dry cell battery: 4 × AA (LR6) Batteries (not included)
Battery Life	70 hours continuous use with backlight off (AA cell battery)
Interface	Standard: USB Device (Type-C), RS232, Mini DIN (for Auxiliary Display)
Shipping Dimensions	300 × 265 × 135 mm
Product Dimensions (with bracket)	204,5 × 90,3 × 102,1 mm
Approx. Net Weight	0,8 kg
Approx. Shipping Weight	1 kg
Operating Temperature Range	-10°C to 40°C

Other Features and Equipment

Selectable environmental and auto-print settings, stability indicator, overload/underload indicators, auto-off, auto tare

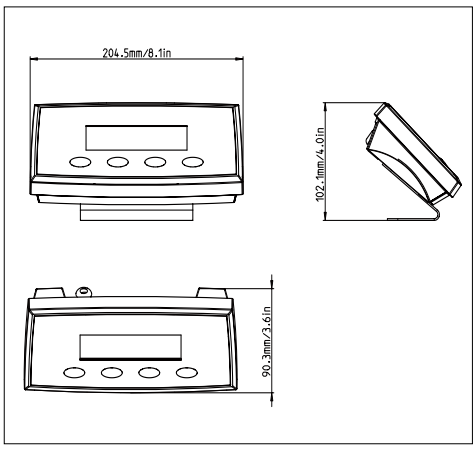
Compliance

- **Metrology:** EN45501; OIML R76; NTEP: CC 23-009 Class III, III L; Measurement Canada: AM-6222 Class III, IIIHD
- **Product Safety:** IEC/EN 61010-1; CAN/CSA C22.2 61010-1; UL61010-1
- **Electromagnetic Compatibility:** IEC/EN 61326-1 Class B, basic environments; FCC Part 15 Class A; Canada ICES-003 Class A
- **Compliance Marks:** CE
- **Other:** WEEE, RoHS

Accessories

Cable RS232 IBM 9P Male-to-Female 80500525
RS232 DB9 Adapter, Male-to-Male 30692384
Printer, Impact, SF40A 30064202
Printer, Impact, SF-110B 30708371
Auxiliary Display, AD7-MD 30472063
Remote Column Kit 330 mm Painted Steel. 30800931
Remote Column Kit 980 mm Painted Steel. 30795819

Outline Dimensions



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The management system governing the manufacture of this product is ISO 9001:2015 certified.

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