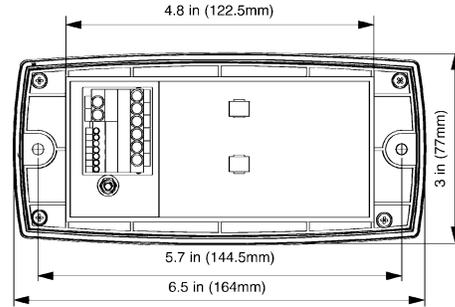


# DFI 250/250X – DIGITAL WEIGHT INDICATOR

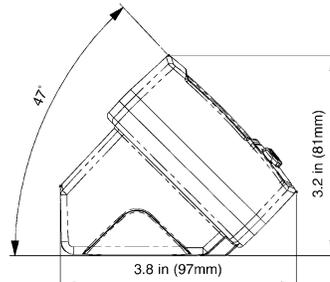
The DFI 250 is powered by Sigma-Delta A/D converter, ensuring fast and accurate weight readings. It may be configured via the keypad, through the RS232/USB port or through IR-Link with our PC software. A function key can be configured to select units of measure (kg, lb, g, & t) hold a weight reading, display an absolute peak weight, count parts or stabilize a moving mass i.e. livestock. To simplify operation, Key Disabling allows any or all keys to be disabled. The DFI 250 can be operated using an AC adaptor or four AA batteries that provide up to 38 hours of continuous operation.

The DFI 250X is IP69K, the highest rated level of washdown protection in the industry. It hosts all the capabilities of a general purpose indicator, and features a 6-digit LCD backlit display and a cut-proof, 6-key capacitive keypad with programmable function key. The DFI 250X not only survives but thrives in harsh environments.

- **SELECTABLE WEIGHING UNITS**
- **LIQUID CRYSTAL DISPLAY WITH LED BACKLIT**
- **AC OR BATTERY OPERATION**
- **PANEL, COLUMN OR DESKTOP MOUNTING**
- **2 SETPOINT OUTPUTS**



Back View



Side view desk mount with battery compartment



DFI 250X

## SPECIFICATIONS

### GENERAL

- CHANNELS: 1
- TEMPERATURE (Operating): 14° to 122° F
- MATERIAL: ABS plastic with silicon rubber keypad  
Food grade plastic
- POWER REQUIRED: AC adaptor, 12 to 24 Vdc or 4, AA batteries  
DF250X - Optional 12 VDC rechargeable
- PEAK HOLD: Standard
- RS232/USB: Standard
- HI/LO LIMITS: 2 Standard

### TRANSDUCER

- EXCITATION: 5 Vdc, powers 4, 350 ohm load cells
- INPUTS ACCEPTED: .1 mv/v to 3 mV/V
- CALIBRATION: Front Key Pad or through Computer via software
- BRIDGE RESISTANCE: 350 ohm

### AMPLIFIER

- ACCURACY: 24 bit
- A/D CONVERSION: 24 bit A/D converter that has 8,388,608 internal counts
- ANALOG OUTPUT: None
- FILTERING: 20 Hz with FIR filtering

### DIGITAL DISPLAY

- DISPLAY: 6 digit LCD w/backlit
- DISPLAY UPDATE: 20 per second
- MAXIMUM DISPLAY: 999,999
- POLARITY INDICATIONS: Yes
- DISPLAY SIZE: .8"
- TYPE: LCD

### PHYSICAL

- WEIGHT: .75 lbs