

## LARGE DIGITAL COLD STORE TEMPERATURE DISPLAYS

These Large Digital LED Cold Store Temperature Displays have been specifically designed for the Refrigeration market. To give 'AT A GLANCE' clear indication of the internal Temperature of Walk in Refrigerators, Walk in Freezers, Cold Stores, Cold Rooms, Chillers and Cold Cabinets for Convenience Foods.



FOUR DIGIT HEIGHTS

INDOOR or OUTDOOR USE

2" (50mm), 4" (100MM), 6"  
(150mm), 8" (200MM)

WITH IP66 / NEMA 4X CASE  
PROTECTION

## LARGE DIGITAL LED COLD STORE TEMPERATURE DISPLAYS – FEATURES

### BUILT-IN TEMPERATURE SENSORS

They have their own high accuracy BUILT-IN Temperature Sensors, which can be supplied on lead lengths from 2 meters to 50 meters. ( **See – TEMPERATURE SENSOR CABLE LENGTHS**)

### HI VISIBILITY 'BLUE' LEDS

**BLUE Leds**, to emphasise ' **COLDNESS** ' of the STORAGE AREAS.

## AUTOMATIC & MANUAL LED BRIGHTNESS ADJUSTMENT

All models have:

- AUTOMATIC DIMMING to suit ambient light conditions over repeated 24 hour cycle
- MANUAL OVERRIDE of Auto Dimming, with TEN different brightness level settings

## DIGIT HEIGHTS AVAILABLE

- 2" ( 50mm ) high digits
- 4" ( 100mm ) high digits
- 6" ( 150mm ) high digits
- 8" ( 200mm ) high digits

## VIEWING DISTANCES

(THESE ARE VIEWING DISTANCE GUIDES ONLY)

- 2"            20 Mtrs / 65 Ft
- 4"            40 Mtrs / 130 Ft
- 6"            60 Mtrs / 195 Ft
- 8"            80 Mtrs / 260 Ft

## BASIC SPECIFICATION ( All Models )

- 5 Mtr / 16 Ft **POWER CABLE**
- 2 Mtr / 6.5 Ft **TEMPERATURE SENSOR CABLE (STANDARD)** other lengths available
- Sensor accuracy +/- 0.5°C ( between -10°C to 85°C )
- Power Input 95~265Vac ( **Standard** ), 24Vdc ( **Option** )
- Blue LEDS
- Flush Wall Mounting with hidden rear brackets
- Double Sided ( **Option** ) with **suspension brackets**
- IR Remote
- 4 Digits
- Programmable for °C or °F
- Operating Environment -25°C – +45°C / -13°F – +113°F
- Minus Symbol

## TEMPERATURE RANGES ( Programmable )

- **Degrees °C** -50 to + 99.9
- **Degrees °F** -58 to + 212.0

## TEMPERATURE SENSOR EXTRA CABLE LENGTH OPTIONS

( Prices consult Sales Office )

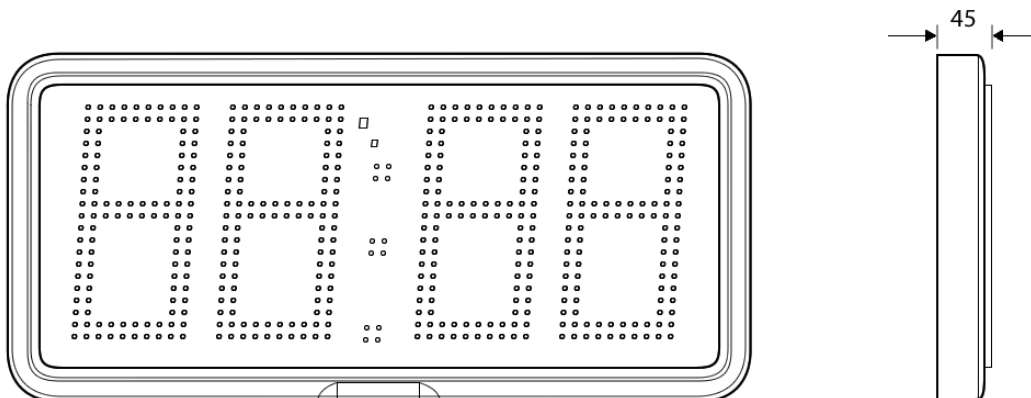
- **5 Mtrs** / 16 Ft,
- **10 Mtrs** / 32 Ft,
- **15 Mtrs** / 49 Ft,
- **20 Mtrs** / 65 Ft,
- **30 Mtrs** / 98 Ft,
- **40 Mtrs** / 131 Ft,
- **50 Mtrs** / 164 Ft

# LARGE DIGITAL LED COLD STORE TEMPERATURE DISPLAYS – MOUNTING OPTIONS

## WALL MOUNTING ( FLUSH ) SINGLE SIDED

### CASE DIMENSIONS

2" (50mm)	H141 x W289 x D45mm
4" (100mm)	H186 x W349 x D45mm
6" (150mm)	H237 x W485 x D45mm
8" (200mm)	H288 x W616 x D45mm

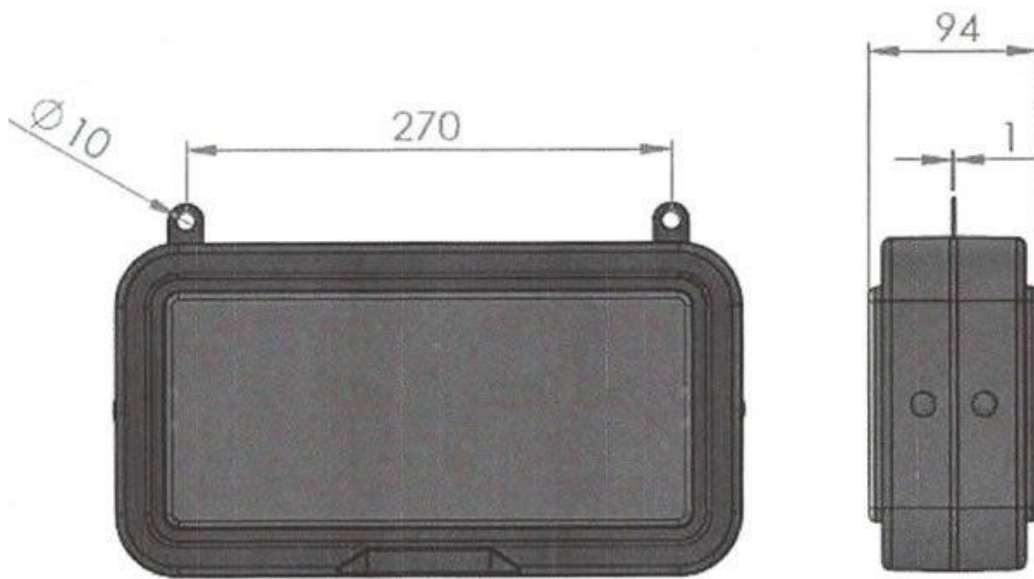


## SUSPENSION MOUNTING HANGING ( SINGLE OR DOUBLE SIDED)

These Large Digital Temperature Displays can also be SUSPENSION MOUNTED as SINGLE SIDED or DOUBLE SIDED Displays.

SUSPENSION CHAINS **are not supplied** but their dimensions for this mounting method are shown below –

**NOTE : – For Single Sided SUSPENSION Displays the Depth is 45mm and 2" (50mm) display is not available as a Suspension or Double sided**



EA10



EA20

## CASES FOR LARGE DIGITAL DISPLAYS

### IP and NEMA CASE RATINGS

#### **IP54 / NEMA 3**

Used for most INDOOR applications, protection against ingress of Dust, Light Water Spray, Oil and general grime



IP54 Standard Aluminium Case

#### **IP65 / NEMA 4**

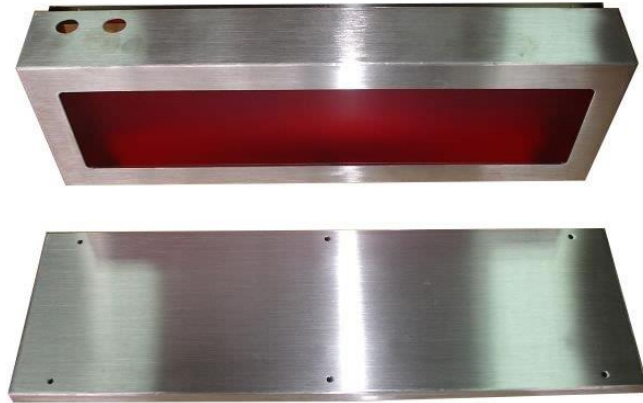
Used for all OUTDOOR applications, fully weather proof and can also be used in INDOOR applications where the environment is particularly harsh and corrosive.



IP65 Black Painted Case

### IP65 Stainless Steel

316 Grade, used extensively in the Food Processing Industry and in applications where exposure to SALT ( Sea Air ) is prevalent such as DOCK SIDE, SEA PORTS etc.



Stainless Steel Case

## HERE IS OUR FULL RANGE OF LARGE DIGITAL LED DISPLAYS

### A to D (Analogue to Digital) Displays

Our LED Digital A to D Displays accept all standard industrial input signals Voltage and Current and all are scalable.

These LED displays will display any engineering units with decimal point position programmable.

### Counters and Rate Displays

Our LED Digital Counters will accept standard input signals, contact closure, 24Vdc, NPN, PNP, Quadrature.

UP or DOWN, BATCH or TOTALISING count, single line or multiline.

### Industrial Temperature Displays

These displays accept Industry Standard Thermocouple Inputs and 2/3 wire PT100/RTD sensors. With a wide range of Temperature scale ranges in °C or °F.

### Temperature and Humidity Displays

These Large Digital LED Displays combine Temperature and Humidity on two separate displays in a single case with an integral 4~20mA dual input sensor or a dual 0-10Vdc input signal.

### Clock and Temperature Displays

Our LED Digital Clocks set a new industry standard. Time bases Hours : Minutes : Seconds or Hours : Minutes.

The Clocks also allow the display of Date / Year and Temperature alternating.

### Timers and Totalisers

All Timers have a Time base in Hours, Minutes, Seconds and combinations. Long Range Timers with Years, Weeks and Days are also available.

Typical functions are UP or DOWN timing, Totalising or Batch timing, TAKT timing, Repeat Cycle, One-Shot output.

### Commercial Temperature Displays

Ideal for the Food industry, Chillers, Freezers as well as Office and work area room Temperature comfort. In-built NTC sensor. Scale ranges are limited to Low Temperature applications.

### Cold Store Temperature Displays

These Large Digital LED Cold Store Temperature Displays have been specifically designed for the Refrigeration market. Suitable for Walk in Refrigerators, Freezers, Cold Stores, Cold Rooms, Chillers and Cold Cabinets.