Ex

X24-HD

Load Cell Central
1-800-LOADCEL

ATEX / IECEx Handheld Telemetry Display

Introduction

Load Cell Central's X24-HD is a highly configurable ATEX / IECEx handheld display capable of working with X24 or T24 Transmitter modules. With a range of up to 800 m, this allows wireless remote viewing in the hazardous areas of various remote inputs such as load cell or voltage etc. using 2.4 GHz radio.

The X24-HD receives data from the remote transmitter module such as X24-ACMi-SA, captures this data and displays it. The handheld can operate by displaying data from any transmitter detected or you can define up to 24 specific transmitters to allow the operator to cycle through.

Grouping functions allows up to 8 group totals to be viewable. Each group or individual transmitter has user defined name, scaling, display format, zero functions and overload settings.

Product Features

- **Adaptable**
  Use with single or multiple transmitters

- **Portable & Highly Configurable**
  Audible warnings and feedback and backlight function

- **Cross Compatible**
  Operates with X24 and T24 transmitters

- **Flexible**
  Covers multiple usage scenarios

- **Intrinsically Safe Electronics**
  Approved for use in explosive atmospheres Zone 1, Zone 2

I M2
Ex ib I

II 2G
Ex ib IIC T4 Gb
Ta = -20°C to +50°C

Accessories

X24-SAe
ATEX / IECEx Telemetry Load Cell Transmitter OEM Module

X24-ACMi-SA
ATEX / IECEx Telemetry Load Cell Transmitter Module

Extend Your Capabilities with our T24 Wireless Modular System

T24

Adaptable and expandable system for safe zones.

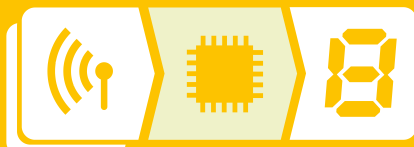Certified transmitters send to 'safe zone' base stations, gateways, analog and digital outputs.

Specifications

Electrical Specifications

Power Supply Voltage	2.3 to 3.6 Vdc

*Must Use Energizer L91 Batteries

Power Supply Specifications

Estimated Battery Life Using Energizer L91 AA Batteries:	
Standby Mode (Powered Off)	>5 Years
Continuous Operation	54 Hours

Environmental Specifications

IP Ratings	IP67
Operating Temperature Range	-10 to +50 °C
Storage Temperature	-40 to +85 °C
Humidity	0 to 95 %RH

Physical Specifications

Hand Held Dimensions	90mm x 152mm x 34mm

Mechanical

90 mm

152 mm

Height: 34 mm

Electrical

3 Vdc
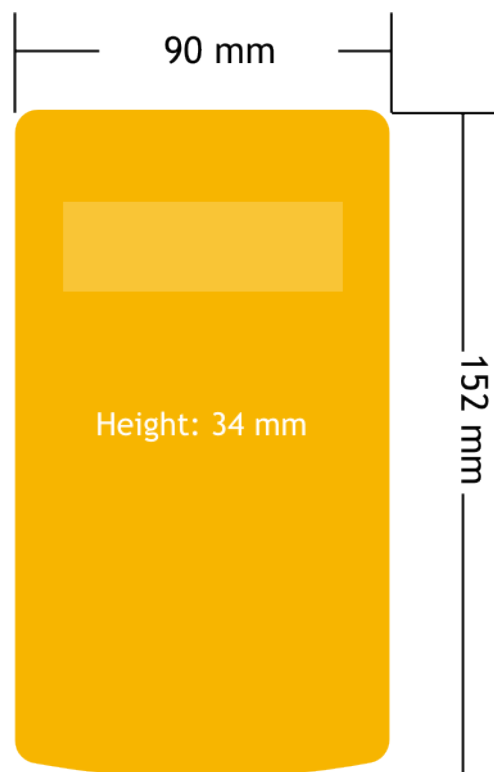
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Order Codes

X24-HD
ATEX / IECEx Handheld Load Cell Wireless Display