



X24-HD



ATEX / IECEx Handheld Telemetry Display



Introduction

The 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 strain gauge 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.

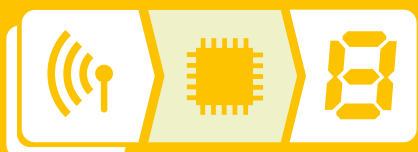
Grouping functions allows up to 8 group totals to be viewable. Each group or individual transmitter has user defined name, scaling, display format, zero functions and overload settings.

Product Features

- Adaptable
Use with single or multiple transmitters
- Long Range Transmission**
Wireless range of up to 800 m (½ mile)
- 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

Ex I M2
Ex ib I

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



Accessories



X24-SAe
ATEX / IECEx Telemetry Strain
Transmitter OEM Module



X24-ACMi-SA
ATEX / IECEx Telemetry Strain
Transmitter Module

Extend Your Capabilities with our T24 Wireless Modular System



Adaptable and expandable system for safe zones.

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

Find out more at wirelessensorsystem.com

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

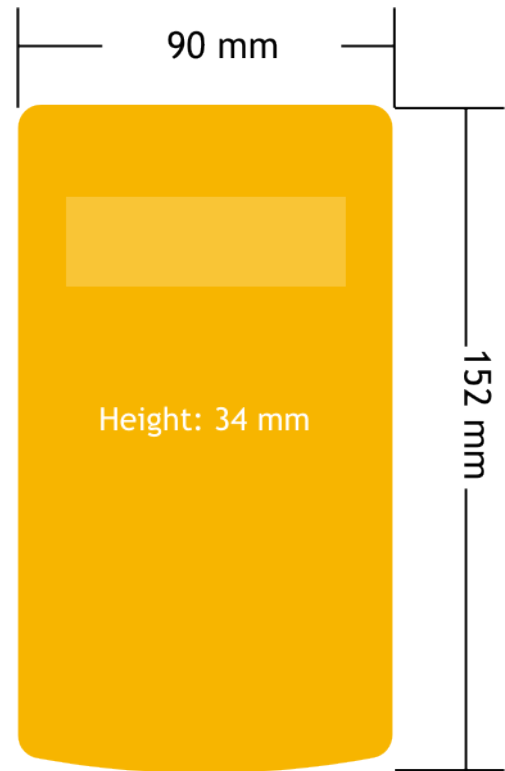
Storage Temperature -40 to +85 °C

Humidity 0 to 95 %RH

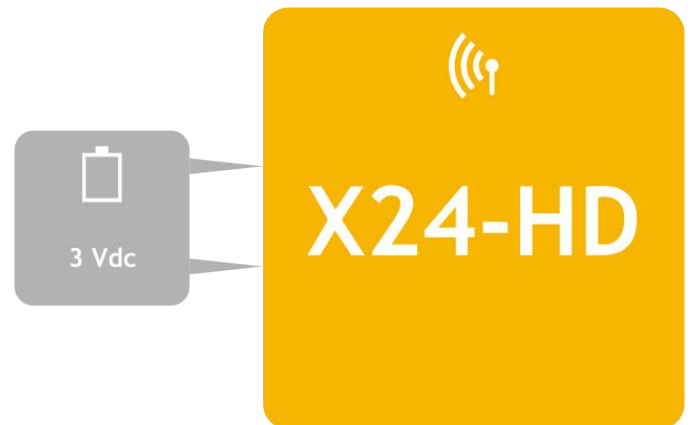
Physical Specifications

Hand Held Dimensions 90mm x 152mm x 34mm

Mechanical



Electrical



Order Codes

X24-HD

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Manual Reference: 517-938

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