



APPLIED MEASUREMENTS LTD.
Transducer Specialists...

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X24-HD ATEX Wireless Portable Display

Key Features:

- Approved for ATEX Zones 1 and 2
- Displays Data from Multiple Transmitters
- Works with all X24 & T24 Telemetry Products
- Audible Alarms & Keyboard Feedback
- Very Easy to Use
- Powered by Energizer L91 Batteries
- Up To 54 Hours Continuous Operation
- IP67 Immersion Protection Rated
- 8-Digit LCD Display
- Worldwide Licence Exempt 2.4 GHz Radio
- 800 Metres Range Maximum



The X24-HD ATEX wireless portable display has approvals for hazardous zones 1 and 2 and allows remote viewing of multiple X24 ATEX and T24 wireless transmitters. This handheld ATEX display is compact and portable delivering easy on-site monitoring, with a range of up to 1/2 mile (800m).

It works with any of the T24 and X24 acquisition modules for both single or multiple transmitters.

The X24-HD ATEX wireless portable display has a simple operator interface and has tare, zero and gross functions. The user can also set the display backlight for preferred reading and display.

Audible warnings and feedback alarms warn the user of any overload and keyboard feedback. Transmitter names can be user defined giving you ease of use in multiple channel systems.

The battery life of the X24-HD ATEX wireless portable display is up to 5 years with continuous operation of 54 hours and uses easily available Energizer L91 batteries. It has an operating temperature of -10°C to +50°C and a storage temperature -40°C to +85°C.

Industries:

- Petrochemical
- Industrial Processing
- Hazardous Environments
- Civil Engineering
- Lifting & Handling
- Waste Management
- Alternative Energy
- Construction
- Automotive
- Silo & Weighing Industry
- Marine

Applications:

- Wireless Monitoring of Bridge Structures
- Wireless Monitoring of Anchor Loads
- Wireless Bridge Surveying via GPRS
- Wireless Truck Load Weight Monitoring
- Wireless Skip Weighing System
- Wireless Platform Weighing with Ticket Printing
- Wireless Monitoring of Building Foundations
- Wireless Telemetry Strain Measurement of Wind Turbines
- Remote Load Monitoring of Construction Shoring Struts
- Force Measurement in Formula Racing
- Wireless Silo Weighing
- Superyacht Sail-Track Development
- Telemetry Monitoring on High Altitude Roads
- Radio Telemetry Monitoring of Underwater Turbine
- Wireless Mooring Rope Monitoring
- Wireless Valve Control
- Torque Measurement Using Wireless Technology



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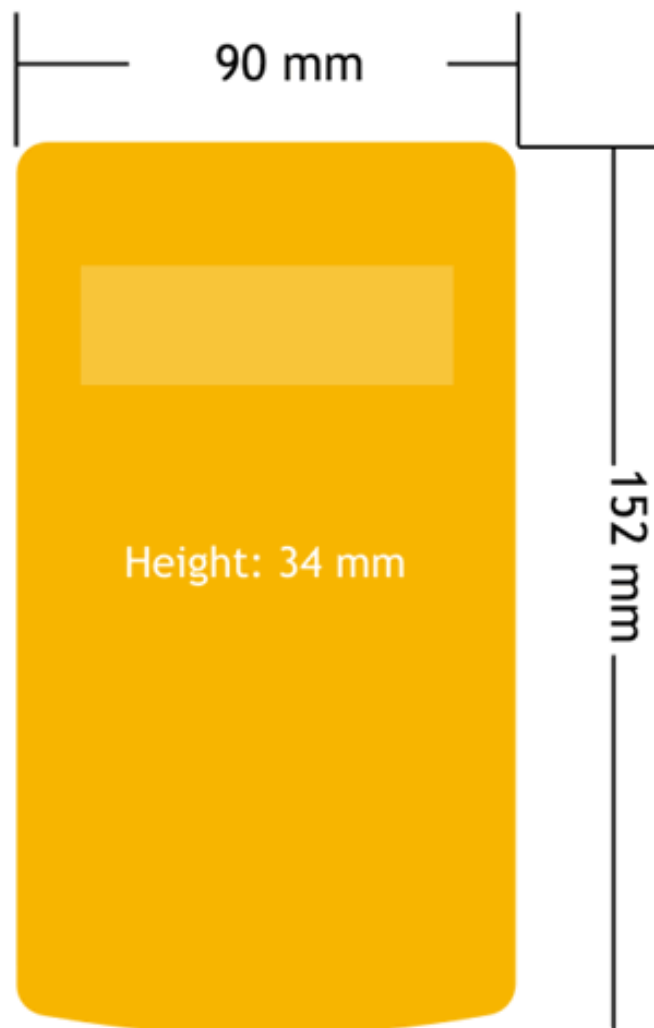
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Specification:

| Electrical Specifications | | Units |
|--|---------------|-------|
| Power Supply Voltage | 2.3 to 3.6 | Vdc |
| *Must use energizer L91 batteries | | |
| Power Supply Specifications | | |
| Estimated Battery Life Using energizer L91 batteries | | |
| Standby Mode (powered off) | >5 | Years |
| Continuous Operation | 54 | Hours |
| Environmental Specifications | | |
| Operating Temperature Range | -10 to +50 | °C |
| Storage Temperature Range | -40 to +85 | °C |
| Humidity | 0 to 95 | %RH |
| Physical Specifications | | |
| Handheld Dimensions | 90 x 152 x 34 | mm |

Dimensions (mm):





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Ordering Codes:

| | |
|--------|--------------------------------|
| X24-HD | ATEX Wireless Portable Display |
|--------|--------------------------------|

Associated Products:



[X24-ACMi-SA ATEX Wireless Transmitter Module](#)



[X24-SAe ATEX Wireless OEM Transmitter Module](#)



[T24-ACM Wireless Sensor Module Enclosure with External Power](#)



[T24-ACMi Mini Sensor Enclosure](#)



[T24-ACMm Mini Data Transmitter Case for Strain, 0-20 mA, 0-10 V](#)



[T24-BSi Radio Telemetry Base Station with USB, RS485 or RS232](#)



[T24-BSu Wireless Radio Telemetry USB Base Station](#)