



GENERAL PURPOSE HANDHELD

Xenon Ultra 1962h Healthcare Scanner

Premium Cordless Bluetooth Healthcare Handheld Scanner

Overview



The Xenon Ultra for healthcare is a premium evolution of the widely known legacy Xenon and Xenon XP healthcare scanners, taking our industry-leading scan performance and reliability one step further.

The Xenon Ultra 1962h incorporates Honeywell's next generation of scanning – allowing patient care to stay top priority for clinicians, improving retention of employees and lowering the total cost of ownership for hospitals.

Specifications

FEATURES

Features

- In addition to a green-dot aimer to visibly enhance targeting and improve scan accuracy, the newly engineered and innovative scan platform empowers snappy scanning operations.
- Multiple operating modes are available to help ensure maximum patient comfort while maintaining clinician productivity, such as Patient Do-Not Disturb, Vibration, and Scan Lamp.
- Optimized Illumination
- Supercapacitors hold their charge for hours when fully charged. So operators who forget to place their scanner in the charger prior to break won't impact operations upon return.
- The Xenon Ultra 1962 battery and battery-free is available in a premium contactless version, reducing the number of failed devices due to corrosion.
- The Xenon Ultra 1962 scanner can accept a lithium-ion battery or a battery-free supercapacitor, allowing enterprises to have mixed device pools and flexibility in their fleets.

DIMENSIONS

Overall Dimensions

- Desktop/Wall Mount Base: 211.3mm x 74.2mm x 77.7mm
- Presentation Base: 82.9mm x 90.4mm x 121.6mm
- Scanner: 108.2mm x 70.4mm x 160.2mm

SCANNING SPECIFICATIONS

Scan Pattern

- Area Imager

Number of Scans

- Standard Battery: 80,000

Motion Tolerance

- For 13 mil UPC at optimal focus 4 meters/second

Decode Capability

- 1D/2D

Depth of Field

- Refer to the datasheet or users' manual for full depth of field specifications

Brightness

- 0 - 100,000 Lux

Scanning Range

- Standard Range (SR) and High Density (HD) Capabilities. Refer to datasheet or Users' Manual for further details

NETWORK

Bluetooth Specifications

- Bluetooth radio v4.2 with Adaptive Frequency Hopping
- Class 1: 100m line of sight (default), programmable to Class 2: 10m line of sight BLE available
- Radio/Range: 2.4GHz

Bluetooth

- Yes

HARDWARE

Host System Interface

- USB

Wireless

- Yes

Aimer Type

- Green dot LED

ELECTRICAL

Battery Types

- Battery-Free Super Capacitor
- Lithium Ion

ENVIRONMENTAL

Operating Humidity

- 0 to 95% relative humidity, non-condensing

Storage Temperature Range

- -40°C to 70°C (-40°F to 158°F)

STANDARDS & APPROVALS

Protection Ratings

- Environmental Sealing (Scanner): IP52 Environmental Sealing (CCB): IP41

Tumble Specifications

- Mil Spec Drop: 8'
- Tumble: 2,000 at 0.5m (1.6ft)

Drop Specifications

- Engineered to withstand 50 1.8 m drops to concrete across operating temp range

OTHERS

Application

- Bed Side Care
- Healthcare
- Inventory / Component Tracking
- Patient Admissions
- Pharmacy
- Specimen Collection

Form Factor

- Gun Shape

Operating Power

- Operating Power (Charging) Bases: 2.5W (500 mA @ 5V DC) Standard USB10W (2A @ 5V DC) – when utilizing power adapter

Input voltage

- 4.4V DC – 5.5V DC

Operating temperature

- Bases: Charging: 5°C to 35°C (41°F to 95°F) Non-Charging: 0°C to 50°C (32°F to 122°F)
- Scanner: 0°C to 50°C (32°F to 122°F)

Warranty Duration

- Lithium-ion Battery Pack: One year
- Scanner: Three-year factory warranty

- Supercapacitor: Five-year factory warranty



PREMIUM SCANNING SHAPED FOR THE FUTURE

Read our solution brief to learn how the Xenon Ultra can help drive efficiencies for healthcare providers.

[→ DOWNLOAD](#)

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