GENERAL PURPOSE HANDHELD

Xenon Ultra 1962 Scanner

Premium Cordless Bluetooth Handheld Scanner for Retail and Light Manufacturing Applications

Overview



Barcode scanning has become a critical workflow throughout a variety of industries – including light industrial and retail – making it a key ingredient in achieving streamlined operations. Deploying a reliable scanning solution can help an enterprise feel confident in meeting the increased demands and heightened expectations of their customers and achieve lasting success.

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

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.
- Object Detection (IR): Avoid false scanner wake ups to lower/prevent patient annoyance or disturbances
- Optimized Illumination
- Redesigned housing enables full product gasketing reducing the chance of water and dust ingress. Improved optional magnetic retention enables scanner to stay securely connected to the CCB if deployed in kinetic conditions
- The Xenon Ultra 1962 battery and battery-free is availble 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.

Feedback

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

Brightness

- 0 - 100,000 Lux

Number of Scans

- Battery-Free Super Capacitor: 450
- Standard Battery: 80,000

Motion Tolerance

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

Scanning Range

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

Decode Capability

- 1D/2D

Scan Pattern

- Area Imager

Feedback

NETWORK

Bluetooth

- Yes

Bluetooth Specifications

- Radio/Range: 2.4GHz Bluetooth radio v4.2 with Adaptive Frequency Hopping.

HARDWARE

Engine Type

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

Host System Interface

- Keyboard Wedge
- RS-232
- Supports USB BC1.2 charge ports
- USB

Aimer Type

- Green Dot LED

Wireless

- Yes

ELECTRICAL

Battery Types

- Battery-Free Super Capacitor
- Lithium Ion

ENVIRONMENTAL

Storage Temperature Range

- -40°C to 70°C (-40°F to 158°F)

Operating Humidity

- 0 to 95% relative humidity, non-condensing

STANDARDS & APPROVALS

Protection Ratings

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

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

Feedback

OTHERS

Application

- Assembly Line
- Component Tracking
- Electronic Manufacturing and Retail
- High and low throughput POS
- In-store inventory
- Self-Checkout

Form Factor

- Gun Shape

Battery capacity

- 3300 mAh Li-Ion

Input voltage

- 4.4V DC – 5.5V DC

Operating Power

- Operating Power (Charging) Bases: 2.5W (500 mA @ 5V DC) Standard USB 10W (2A @ 5V DC) – when utilizing power adapter

Operating temperature

- 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

Feedback

Product Number

1962GHD-2USB-5-N	1962G USB Kit: Black general purpose housing, HD Focus, USB Type A 2.7M straight cable (3012-6337-001), Presentation Charge and Communication base (CCB-U00-G & 1962G-BAT-CUP), US&C ONLY
1962GHD-2USB-5-R	1962G USB Kit: Black general purpose housing, HD Focus, USB Type A 2.7M straight cable (3012-6337-001), Presentation Charge and Communication base (CCB-U00-G & 1962G-BAT-CUP), ROW
1962GHD-2USB-5BF-R	1962G Battery Free USB Kit: Black general purpose housing, HD Focus, USB Type A 2.7M straight cable (3012-6337-001), Contactless Presentation Charge and Communication base (CCB-U00-G & 1962G-BAT-CUP), ROW
1962GHD-2USB-WC-R	1962G USB Kit: Black general purpose housing, HD Focus, USB Type A 2.7M straight cable (3012-6337-001), Contactless Presentation Charge and Communication base (CCB-U00-G & 1962G-WC-CUP), ROW
1962GHD-2USB-WCBF	1962G Battery Free USB Kit: Black general purpose housing, HD Focus, USB Type A 2.7M straight cable (3012-6337-001), Contactless Presentation Charge and Communication base (CCB-U00-G & 1962G-WC-CUP), ROW
1962GSR-2USB-5-N	1962G USB Kit: Black general purpose housing, SR Focus, USB Type A 2.7M straight cable (3012-6337-001), Presentation Charge and Communication base (CCB-U00-G & 1962G-BAT-CUP), US&C ONLY

1962GSR-2USB-5-R	1962G USB Kit: Black general purpose housing, SR Focus, USB Type A 2.7M straight cable (3012-6337-001), Presentation Charge and Communication base (CCB-U00-G & 1962G-BAT-CUP), ROW
1962GSR-2USB-5BF-N	1962G Battery Free USB Kit: Black general purpose housing, SR Focus, USB Type A 2.7M straight cable (3012-6337-001), Contactless Presentation Charge and Communication base (CCB-U00-G & 1962G-BAT-CUP), US&C ONLY
1962GSR-2USB-5BF-R	1962G Battery Free USB Kit: Black general purpose housing, SR Focus, USB Type A 2.7M straight cable (3012-6337-001), Contactless Presentation Charge and Communication base (CCB-U00-G & 1962G-BAT-CUP), ROW
1962GSR-2USB-9	1962G USB Kit: Black General Purpose, SR Focus, USB Type A 2.7M straight cable (3012-6337-001), Wallmount Charge and Communication base (CCB-ULTRA-HORIZ-GP)



Learn how the Xenon Ultra improves productivity to meet customer demands.

DOWNLOAD

Feedback

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