

## AsReader ASR-010D-V2

# AsReader 1D Barcode Sled/Dock/Modular-Type Instruction Manual

Model: ASR-010D-V2 | Brand: AsReader

## 1. PRODUCT OVERVIEW

The AsReader 1D Barcode Sled/Dock/Modular-Type is an ultra-compact and durable accessory designed to enhance the barcode scanning capabilities of compatible iOS devices. Its slim and stylish design makes it suitable for various environments, including retail, healthcare, and warehousing. The device features an integrated 1D barcode scanner and is constructed from TPU and polycarbonate for durability.

Key features include a convenient magnetic battery charger that simultaneously charges the sled and the connected phone, and a royalty-free Software Development Kit (SDK) for application development.

## 2. FEATURES

- **Unique, Slim, Stylish and Durable Design:** Compact and robust construction for easy portability and long-term use.
- **Convenient Magnetic Battery Charger:** Allows simultaneous charging of the sled and the connected iOS device.
- **Royalty-free SDK:** A Software Development Kit is available at no charge for custom application development.
- **Ambidextrous Design:** Buttons on each side enable comfortable left-handed or right-handed usage.

## 3. COMPATIBLE DEVICES

The AsReader 1D Barcode Sled is compatible with the following Apple iOS devices:

- iPhone 5, iPhone 5s
- iPhone 6s, iPhone 6s Plus
- iPhone 7, iPhone 7 Plus
- iPhone 8, iPhone 8 Plus
- iPhone SE
- iPod touch 5th Generation
- iPod touch 6th Generation
- iPad mini 1, iPad mini 2, iPad mini 3

*Note: Please ensure you select the correct case color (Black or White) and the specific model of your iPhone/iPad/iPod when acquiring the device to ensure proper fit.*

## 4. SETUP

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Follow these steps to set up your AsReader 1D Barcode Sled with your compatible iOS device:

1. **Unpack Components:** Carefully remove the AsReader sled, the protective case, and any other accessories from the packaging.
2. **Insert iOS Device into Case:** Place your iPhone or iPod Touch into the provided protective case. Ensure it is securely seated and all buttons and ports are accessible.
3. **Attach AsReader Sled:** Align the AsReader sled with the opening in the back of the protective case. Gently slide the sled into place until it clicks securely. The sled's Lightning connector should engage with your iOS device's Lightning port.



*Figure 4.1: Assembled AsReader Sled with iPhone in Black Case. This image shows the AsReader 1D barcode sled securely attached to an iPhone, which is housed within a black protective case. The barcode scanner module is visible at the top of the sled.*



Figure 4.2: Assembled AsReader Sled with iPhone in White Case. This image displays the AsReader 1D barcode sled attached to an iPhone, which is enclosed in a white protective case. The scanner module is clearly visible.

4. **Initial Charge:** Connect the magnetic battery charger to the AsReader sled. Ensure both the sled and your iOS device begin charging. A full charge is recommended before first use.



Figure 4.3: AsReader Components. This image shows the three main components of the AsReader system: a black protective case for the iPhone, the white AsReader 1D barcode sled module, and an iPhone. These components are shown separately before assembly.

## 5. OPERATING INSTRUCTIONS

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To operate your AsReader 1D Barcode Sled:

1. **Power On:** The AsReader sled powers on automatically when connected to a compatible iOS device and has sufficient battery.
2. **Launch Application:** Open a compatible barcode scanning application on your iOS device. If you are developing

your own application, utilize the provided royalty-free SDK.

- 3. **Scan Barcode:** Point the scanner window of the AsReader sled at the 1D barcode you wish to scan. Press one of the side buttons (located on either side of the sled) to activate the scanner. The device will emit a scan beam.
- 4. **Confirmation:** A successful scan is typically indicated by an audible beep and/or visual feedback within the scanning application.

The AsReader is designed with buttons on both sides, allowing for comfortable operation whether you are left-handed or right-handed.

## 6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your AsReader device:

- **Cleaning:** Use a soft, lint-free cloth slightly dampened with water or a mild, non-abrasive cleaner to wipe the exterior of the sled and case. Avoid harsh chemicals or abrasive materials. Do not spray liquids directly onto the device.
- **Scanner Window:** Keep the scanner window clean and free of dust or smudges to ensure accurate barcode reading. Use a lens cleaning cloth if necessary.
- **Battery Care:** The device uses a Lithium Ion battery. For optimal battery life, avoid extreme temperatures and store the device with a partial charge if not used for extended periods.
- **Storage:** Store the AsReader in a cool, dry place away from direct sunlight and extreme temperatures.

## 7. TROUBLESHOOTING

If you encounter issues with your AsReader 1D Barcode Sled, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Device not scanning barcodes	Low battery; Scanner window dirty; Incorrect barcode type; Application issue; Sled not properly connected.	Charge the device; Clean scanner window; Ensure barcode is 1D; Restart scanning application; Re-seat the sled on the iOS device.
Device not charging	Magnetic charger not properly connected; Damaged cable/charger; Faulty battery.	Ensure magnetic charger is firmly attached; Try a different charging cable/adaptor; Contact support if battery is suspected faulty.
Sled not recognized by iOS device	Loose connection; iOS device software issue; Sled firmware issue.	Remove and re-attach the sled; Restart your iOS device; Check AsReader website for firmware updates or contact support.

## 8. SPECIFICATIONS

Specification	Detail
Model Number	ASR-010D-V2
Dimensions (L x W x H)	141.9 x 64.4 x 17.8 mm (5.59" x 2.54" x 0.70")
Weight	Approx. 90 grams (without iPhone or iPod Touch)
Scanner Type	1D Barcode (CCD linear image sensor 1,500pixel)




Specification	Detail
Reading Angle	Pitch: $\pm 65^{\circ}$ , Roll: $\pm 25^{\circ}$ , Skew motion: $\pm 50^{\circ}$
Material	TPU and Polycarbonate
Power Source	Battery Powered (1 Lithium Ion battery included)
Connectivity	Lightning Connector
Manufacturer	Asterisk, Inc.

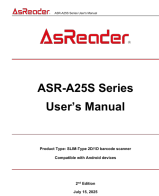

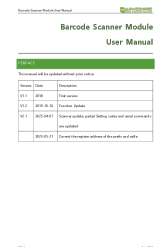
## 9. WARRANTY AND SUPPORT

For information regarding product warranty, please refer to the warranty card included with your purchase or visit the official AsReader website. For technical support, software development kit (SDK) inquiries, or further assistance, please contact AsReader customer support through their official channels.

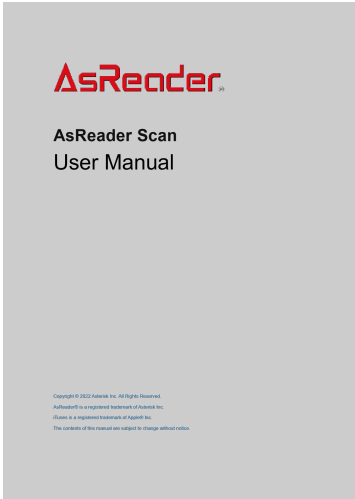
The royalty-free SDK is available to assist developers in integrating the AsReader's functionality into custom applications, providing comprehensive tools and documentation.

### Related Documents - ASR-010D-V2

	<p><a href="#">AsReader ASR-A25S Series SLIM-Type Barcode Scanner User Manual</a></p> <p>User's manual for the AsReader ASR-A25S Series SLIM-Type 2D/1D barcode scanner compatible with Android devices. Includes installation, operation, safety instructions, and product specifications.</p>
	<p><a href="#">Kawasaki Heavy Industries Case Study: AsReader for Order Management</a></p> <p>Learn how Kawasaki Heavy Industries improved order management efficiency and reduced errors by implementing AsReader ASR-010D barcode scanning technology.</p>
	<p><a href="#">AsReader ASR-P37U BOX-Type Mini User Manual</a></p> <p>User manual for the AsReader ASR-P37U BOX-Type Mini UHF RFID reader. Covers specifications, safety instructions, basic operations, working modes (HID and Serial), and connection guides for Android and Windows devices.</p>

	<p><a href="#">AsReader ASR-A25S Series SLIM-Type Barcode Scanner User Manual</a></p> <p>User's manual for the AsReader ASR-A25S Series SLIM-Type 2D/1D barcode scanner compatible with Android devices. Includes installation, operation, safety instructions, and product specifications.</p>
	<p><a href="#">AsReader ASR-P37U BOX-Type Mini User Manual</a></p> <p>User manual for the AsReader ASR-P37U BOX-Type Mini UHF RFID reader. Covers specifications, safety instructions, basic operations, working modes (HID and Serial), and connection guides for Android and Windows devices.</p>
	<p><a href="#">Waveshare Barcode Scanner Module User Manual - 1D/2D Code Reader</a></p> <p>Comprehensive user manual for the Waveshare Barcode Scanner Module, detailing its features, specifications, scanning instructions, hardware connection, and extensive configuration options for 1D and 2D barcodes.</p>

Documents - AsReader – ASR-010D-V2



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Contents Preface .....

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## AsReader Scan User Manual

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Contents Preface .....

lang:en **score:41** filesize: 1.38 M page\_count: 36 document date: 2022-09-26

AsReader

### AsReader (ASX-510R, ASR-010D, ASR-010D-V2, ASR-010D-V3 and ASR-010D-V4) Barcode Parameter Manual

Asterisk, Inc.

Version 1.3  
\*The data will be changed without a notice.

This document describes the programmable parameters, provides bar codes for programming.  
AsReader is shipped with the factory default settings. These factory default values are stored in  
non-volatile memory and are preserved even when the scan engine is powered down. Changes  
to the factory default values are also stored in non-volatile memory and are preserved even  
when the scan engine is powered down. Scan the appropriate bar codes included in this  
document. The new values replace the existing memory values. The factory default parameter  
values can be recalled by scanning Bar Factory Defaults.

### [\[pdf\]](#) User Manual Recall

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AsReaderASX-510R, ASR-010D, **ASR-010D-V2**, ASR-010D-V3 and ASR-010D-V4  
Barcode Parameter Manual Asterisk, Inc. Version 1.3 The data will be changed  
without a notice. This document describes the programmable parameters, provides  
bar codes for programming, AsReader is shipped with the factory default se...

lang:en **score:29** filesize: 2.95 M page\_count: 107 document date: 2023-10-19