



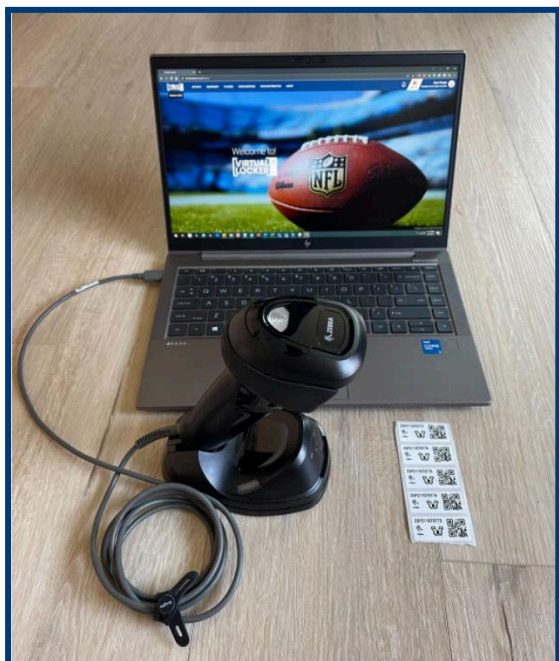
## Equipment Tracking Program Handheld Scanners

DS99 / MC333  
2024 Season



## DS99 TETHERED SCANNER

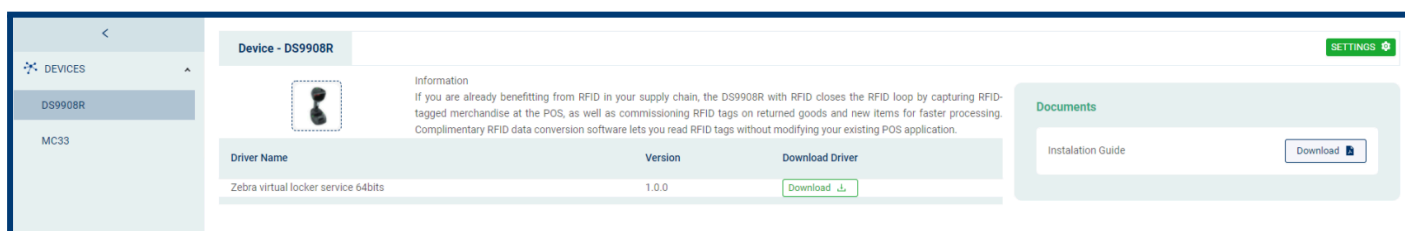
- The Zebra DS99 handheld scanner can be used to assign Zebra Player Health and Safety tags (RFID labels) to cleats and shoulder pads and NOCSAE tags to helmets.
- This is considered a “tethered” device and requires use of a laptop or Surface tablet. **To set up and use:**
  1. Connect the Ethernet cable end into the back of the scanner.
  2. Connect the USB cable end into the laptop or Surface.



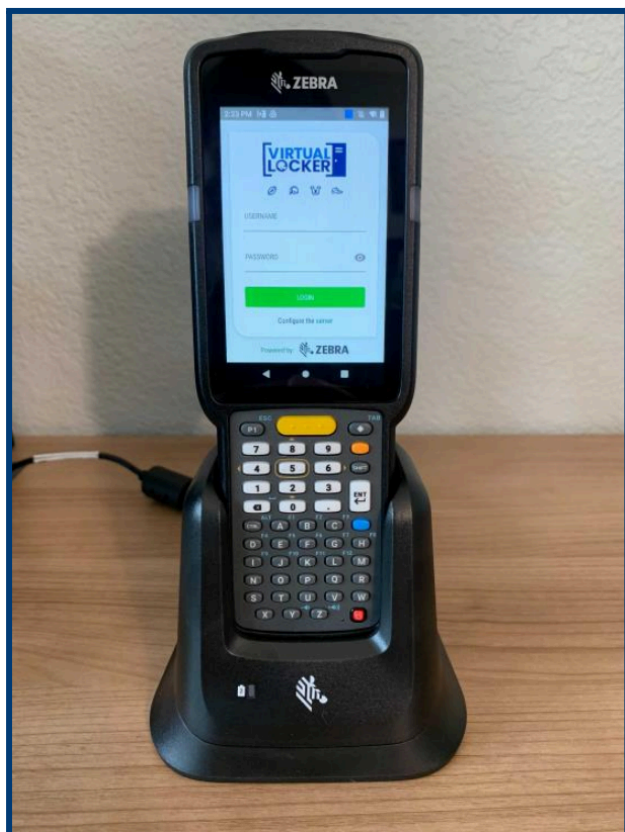
3. Log into Virtual Locker, click on the Configuration page on the top, and then select DS9908R on the left-hand side. I. <https://vl.zebrasports.com/login>
4. **Download the current driver** (Zebra Virtual Locker Service 64bits) to your laptop or Surface by clicking on the green download button.
5. Users will need to unpack the zip folder and **install both** the “Zebra\_CoreScanner\_Driver\_(64bit)\_v3.07.0004.exe” (in the ISSetupPrerequisites folder) and “Zebra Technologies Virtual Locker (64bit).exe” files.
  - I. Users will be prompted to restart your computer after installing both .exe files.
  - II. For more assistance, download the Installation Guide on the right side of the Configuration page in Virtual Locker.
6. Click on the top right icon in the corner of the Virtual Locker page (to the right of your name), select “My Profile” and then confirm “**Use DS9908R**” is enabled before you begin to scan the tags into the web portal.
7. The last step for configuring your DS99 scanner is to go back to the Configuration page, select DS9908R on the right side, and then click on Download next to Installation Guide. Next, **scan the barcodes on pages 4-7** (wait ~10 seconds before scanning each one). After all barcodes have been scanned, the DS99 will be configured so the top trigger (Trigger A) will scan visible barcodes and the bottom trigger (Trigger B) will become your RFID scanner to pick up tags that are not visible (embedded cleat tags or hard to read helmet tags).
  - I. RFID scanning will pick up all tags in a 3-4 foot radius so make sure to isolate the tag you are attempting to scan when using this function. The RFID scanner uses the base of the DS99 device to read all Player Health & Safety tags.

→ Users can run test scans to ensure the device is properly configured by clicking on the Configuration page, selecting DS9908R on the right, and then clicking on the green Settings button in the top right corner. Users should first see a green message at the bottom of the page saying “Success – Now you are connected to DS9908R.” After seeing this message, users can now try scanning a tag by either using the top barcode trigger or the bottom RFID trigger. After the tag is scanned, the tag ID will display under Test Scans next to “Scan ASCII.”

1. When using the DS99, the green light on the top of the scanner will “flash” and the device will “ding” after a tag has been successfully scanned.
2. Users will have the ability to adjust different beeper and volume settings by clicking on the green Settings button in the top right corner of the Configuration page in Virtual Locker.



## MC33 WIRELESS SCANNER



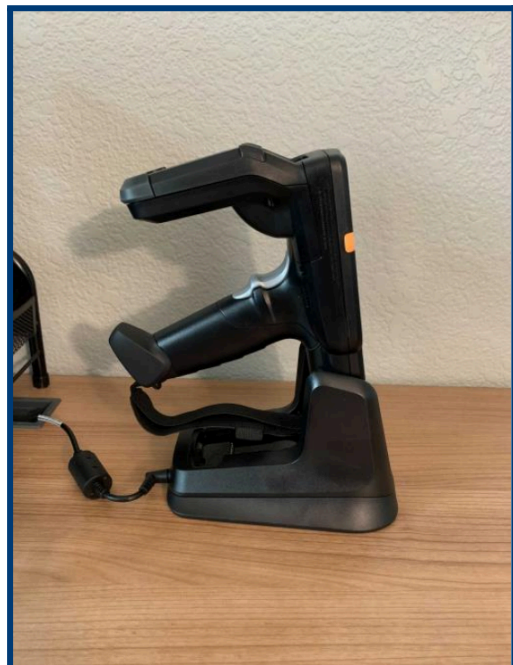
→ The Zebra MC33 wireless handheld scanner / mobile computer can be used to assign tags and manage inventory.

→ The MC33 allows users to connect to the Virtual Locker mobile app to perform pre/post-practice and pre/postgame locker room checks, custom scans, and re-assign tags if needed.

1. The Virtual Locker mobile app will come preloaded when you receive the MC33.
2. The updated team roster and equipment inventory are available on Virtual Locker after signing in.



→ This MC33 is Wi-Fi enabled but can still be used if no network is available. If changes are made when the device is not connected to Wi-Fi, the updates will synchronize to the cloud once the device reconnects to the network (users will have to manually click the synchronize button in the Virtual Locker app to update these changes).



1. To access the Wi-Fi settings, swipe down from the top of the screen on the home page and look for the Wi-Fi icon in the top left corner. Long-press the icon to bring up the Wi-Fi settings and to see available networks.

2. Any updates made on the Virtual Locker mobile app are available on the Virtual Locker web portal as soon as the device reconnects to the Wi-Fi network and synchronizes with the cloud.

→ Users will be notified if there is an update for the app when signing in. Simply follow the directions on the screen to update Virtual Locker to the current version.

1. We recommend users log out of the mobile app daily to make sure they see app updates that are pushed to Virtual Locker.



→ The MC33 charges on a docking station which needs to be plugged into a standard wall outlet

1. Insert the entire scanner into the docking station or

2. Remove the battery and attach it to the back of the dock. Note: Users can only scan tags when the MC33 device is disconnected from the docking station.

#### → **Helpful Notes:**

1. Swipe up from the bottom of the home page to access the VoD (Videos on Demand) app. Here users can access multiple training videos on the MC33 scanner to help get more familiar with the device.

2. The MC33 has an app called TeamViewer QuickSupport which will allow Zebra support to remote into the device should it be required

I. Users will open the app and relay the ID # to the Zebra support (ex. 146 023 299).



- II. Acknowledge and allow the security prompts and then Zebra support will be able to remotely access the device.
3. To adjust the volume settings, double click on the physical blue button (below “ENT”) and then click the physical “Y” and “Z” buttons to adjust the volume up and down.
4. To take a screenshot hold down the red Power button and a pop-up will open with a screenshot option

## ZEBRA PLAYER HEALTH AND SAFETY TAGS

- Shoulder pads, helmets, and cleats all have their own designated tag types for scanning.
- Make sure to scan and roster the correct tag type to the correct piece of player equipment.
  1. Shoulder pad tag IDs will always start with “ZSP”.
  2. Cleat tag IDs will always start with “ZCT”.
  3. Knee brace tag IDs will always start with “ZKB”.
  4. Helmet (NOCSAE) tag IDs will always start with “NC”.
- Note: For Supplemental Headgear, use a 2023 or newer cleat or shoulder pad tag and apply it to the side or upper inside panel of the equipment.

