

2d Barcode Scanning Options

2d barcode scanners allow users to scan COVID-19 vaccine information into the Centers for Disease Control and Prevention (CDC) Vaccine Administration System (VAMS). You can scan a vaccine vial to add inventory or log a vaccination on a patient's record. Scanning barcodes saves time and prevents manual data entry errors. Any 2d barcode scanner will work to scan vaccine vials with a 2d barcode.

Descriptions and Considerations

1. Camera function on devices (phone, laptop, tablets)
 - a. Allows the scanning of QR codes for patient check-ins
 - b. Allows the scanning of Moderna vaccine QR code for logging inventory and documenting the vaccination.
2. Corded handheld scanners
 - a. Plugs into laptop, tablet, or computer
 - b. Designed for stationary clinics (streamlined clinic workflow)
 - c. Limited movement at mobile clinics
 - d. Less expensive than cordless scanner
3. Bluetooth wireless/cordless handheld scanners
 - a. Enable Bluetooth on device to pair with scanner
 - b. Allows movement amongst clinic workflow
 - c. Battery life must be checked prior to clinic appointments
 - d. Must be charged prior to use
 - e. More expensive than corded scanner
 - f. Stand available to aid in scanning
4. Each vaccine administration station would have one scanner
5. Do not purchase 2D barcode scanners that indicate "For retail use". These do not scan vaccine barcodes. If you have questions about the scanner, check with your vendor for types of usage.

VAMS Team

The VAMS Team has worked with the following scanners:

- [Motorola](#) (website with choices)
- [Honeywell](#) (website with choices)

CT DPH Immunization Program

The Immunization Program has purchased the [Zebra DS8178-HC - Healthcare - barcode scanner](#)

- Wireless chosen for mobile clinics and ease of clinic flow
- Similar model visually to temperature scanners
- Smaller models were difficult to hold and easily misplaced due to size

NOTE: Other states are using Motorola and Zebra products.

When purchasing the handheld scanner, ensure the scanner is available and in stock for delivery.

For more information on VAMS, please visit:

<https://portal.ct.gov/DPH/Immunizations/VAMS-Training>