

Ce Check-in | Offender Kiosk *Hardware and Software Requirements*

Requirement	Description	Example Hardware
Touchscreen Monitor	The monitor size will depend on your specific kiosk setup. If using a cabinet, select an “open-frame” screen that can be mounted inside. For a desktop setup, any touchscreen that can connect to a PC should suffice.	<p>Elo Touch Solutions open-frame touchscreens: https://www.elotouch.com/open-frame-touchscreens.html</p> <p>Elo Touch Desktop touchscreens: https://www.elotouch.com/touchscreen-monitors.html</p>
HandKey Biometric Scanner	An ID3D-R HandKey 1 or Schlage HandKey 2 hand scanner is required hardware for biometric verification. <i>The newer model, Schlage Handkey 2, is recommended.</i> HandKeys need to be connected via a serial port. The HandKey 2 can be connected via USB if needed, but a serial to USB adapter is required.	<p>HandKey 1: http://us.allegion.com/IRSTDocuments1/ID3D%20Manual_Revised.pdf</p> <p>Handkey 2*: http://us.allegion.com/Products/biometrics/handkey2/Pages/default.aspx</p> <p>*See page 2 for additional information on the Handkey 2</p>
Receipt Printer	Most receipt printers are supported. A small format thermal printer is recommended. The particular printer implemented will depend on your specific kiosk setup.	<p>This model can be mounted in a cabinet: Swecoin (now owned by Zebra) TTP 7000 Kiosk Printer: https://www.zebra.com/content/dam/zebra/manuals/en-us/printer/ttp7000-tm-en.pdf</p> <p>This model does not have to be mounted in a cabinet as it is a desktop printer: https://www.zebra.com/us/en/products/printers/desktop/value-desktop-printers.html</p>
Windows 7 or later (32 or 64-bit)	<p>Select a PC that is compatible with your hardware and OS. The hardware will need to be attached to the PC.*</p> <p>*See page 2 for additional PC requirements</p>	<p>Dell Optiplex 3020 Desktop PC: http://www.dell.com/ed/business/p/optiplex-3020-desktop/pd</p>

Additional PC Requirements

Additional PC requirements:

1. RS-232 Serial Port (DB 9 Connection)*Required for HandKey 1
2. Ethernet or Wi-Fi Network Adapter
3. 3-4 available USB Ports

Connecting the Handkey 2

The HandKey 2 needs to be connected via RS-232 serial port (COM 1) to the PC. If you do not have a serial port available on the PC, then a serial to USB adapter can be used, assuming it is compatible with the operating system of the PC. The pin-out for the DB-9 serial cable is as follows (DB-9 pins on the left and the HandKey 2 connector pins on the right), image attached for reference.

DB-9 Pins	HandKey 2 Connector Pins
DB-9	HK-2
5	13+16
3	15
2	17

