Honeywell

THE POWER OF **CONNECTED**

Granit 1920i

Industrial Direct Part Mark (DPM) Area-Imaging Scanner

Quick Start Guide

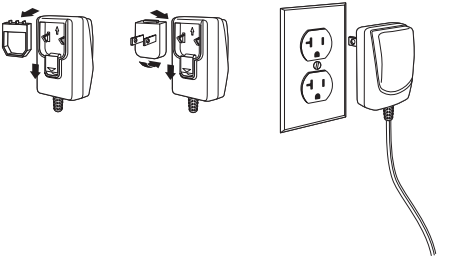
1920i-EN-QS Rev A
7/17

Note: *Refer to your user's guide for information about cleaning your device.*

Get Started

Turn off computer's power before connecting the scanner, then power up the computer once the scanner is fully connected.

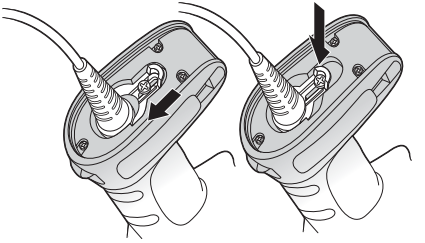
Power Supply Assembly (if included)



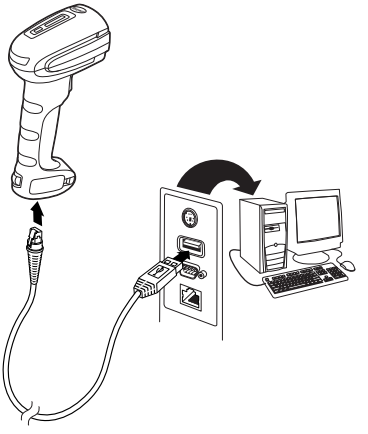
Note: *The power supply must be ordered separately, if needed.*

Connect the Scanner

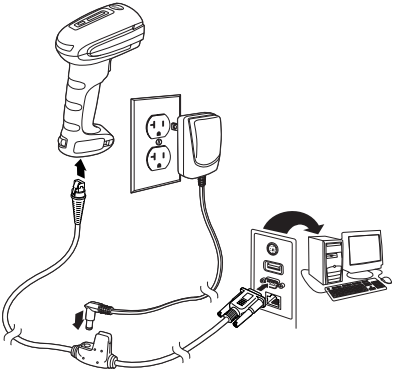
When connecting the scanner, make sure the cable is pushed tightly into the scanner. Loosen the locking plate and slide it over the base of the cable connector to lock the cable in place. Tighten the screw.



USB:



RS232 Serial Port:



Reading Techniques

The Granit 1920i scanner uses a red aiming dot to locate bar codes. Center the aimer on the bar code. If the bar code being scanned is on a shiny or highly reflective surface, you may need to tilt the scanner slightly to read the code.

Standard Product Defaults

The following bar code resets all standard product default settings.

Standard Product Defaults

USB Serial

Scan the following code to program the scanner to emulate a regular RS232-based COM Port. If you are using a Microsoft® Windows® PC, you will need to download a driver from the Honeywell website (www.honeywellaidc.com). The driver will use the next available COM Port number. Apple® Macintosh computers recognize the scanner as a USB CDC class device and automatically use a class driver.

USB Serial

Note: *No extra configuration (e.g., baud rate) is necessary.*

USB PC Keyboard

Scan the following code to program the scanner for a USB PC Keyboard.

USB PC Keyboard

Keyboard Country

Scan the Program Keyboard Country bar code below, then scan the numeric bar code(s) from page 11, then the Save bar code to program the keyboard for your country. By default, national character replacements are used for the following characters: # $ @ [\ ] ^ ` { | } ~.

Program Keyboard Country

Country Code	Scan	Country Code	Scan
Arabia	91	Korea	93
Belgium	1	Portugal	13
China	92	Russia	26
France	3	Spain	10
Germany/Austria	4	Sweden/Finland	2
Great Britain	7	Switzerland	6
Hungary	19	Thailand	94
IBM Financial	90	Turkey (Q)	24
Italy	5	USA (Default)	0
Japan	28	Vietnam	95

Save

Note: *For a complete list of country codes, see the User's Guide for your product.*

Active Aimer

By default, the scanner and the aiming beam remain off until you press the trigger. When Active Aimer is set to **On**, whenever the scanner is moved, the aiming beam appears so you can aim, then scan a bar code with a trigger press.

Active Aimer On

DPM Illumination Settings

By default, the Granit 1920i cycles through the Direct Illumination - Top and Bottom, and Indirect Illumination settings. To further refine the scanner's ability to read DPM codes, scan one of the following four illumination setting codes. Only one of these illumination settings can be used.

Direct Illumination - Top and Bottom

This setting enables both top and bottom illumination. It is recommend when reading printed label bar codes and DPMs on highly reflective surfaces.

Direct Illumination - Bottom

This setting enables just the bottom illumination. It is recommend when primarily reading dot peen bar codes. You may need to tilt the scanner at an angle to read from reflective surfaces.

Indirect Illumination

This setting is recommend when reading bar codes on curved or rough surfaces.

Low Contrast Codes

This setting is recommend when reading very low contrast bar codes. Scan the following code to program the scanner to cycle through both Direct Illumination - Top and Bottom and Indirect Illumination with multiple exposure settings.

Low Contrast Data Matrix Enhancements

The Granit 1920i scanner reads low contrast Data Matrix codes by default. However, if you are having trouble reading non-dot peen Data Matrix bar codes, it may be helpful to scan **Low Contrast Data Matrix Enhancements Off**.

* Low Contrast Data Matrix Enhancements On

Low Contrast Data Matrix Enhancements Off

Suffix

If you want a carriage return after the bar code, scan the Add CR Suffix bar code. To add a tab after the bar code, scan the Add Tab Suffix bar code. Otherwise, scan the Remove Suffix bar code to remove the suffixes.

Add CR Suffix

Add Tab Suffix

Remove Suffix

Add Code ID Prefix to all Symbologies

Scan the following bar code if you wish to add a Code ID prefix to all symbologies at once.

Add Code ID Prefix To All Symbologies
(Temporary)

Note: *For a complete list of Code IDs, see the User's Guide for your product.*

Function Code Transmit

By default, all ASCII control characters are transmitted with bar code data. These non-printable characters are translated into predefined key strokes, or CTRL+X functions. If these key strokes interfere with your host's software application, scan **Disable** to keep these ASCII control characters from being transmitted. Charts of ASCII control characters are provided in your User's Guide.

Enable
(Default)

Disable

Programming Chart


0


1


2


3


4


5


6


7


8


9


A


B


C


D


E


F


Save

EZConfig-Scanning

To access additional features for the scanner use EZConfig-Scanning, an online configuration software tool, available from our website.

Support

To search our knowledge base for a solution or to log into the Technical Support portal and report a problem, go to www.hsmcontactsupport.com.

Limited Warranty

For warranty information, go to www.honeywellaidc.com and click **Get Resources > Product Warranty**.

Patents

For patent information, see www.hsmpats.com.

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