



**Intermec**



**Quick Start Guide**



**ScanPlus 1800  
Hand-held  
Scanner**

---

## Quick setup

### Step 1

Choose your connection:

|                                     |    |
|-------------------------------------|----|
| PC keyboard wedge / USB cable ..... | 4  |
| RS-232 C cable.....                 | 6  |
| Other connections.....              | 10 |

### Step 2

Select symbologies for your scanner .....

8

### If necessary ...

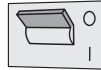
|                                                   |            |
|---------------------------------------------------|------------|
| Return to the default setup.....                  | 9          |
| Activate the trigger .....                        | 9          |
| Use the EasySet software for more setup options.. | 10         |
| How to use your scanner .....                     | 11         |
| Check reading distances .....                     | 12         |
| Test bar codes.....                               | back cover |

**Step 1**

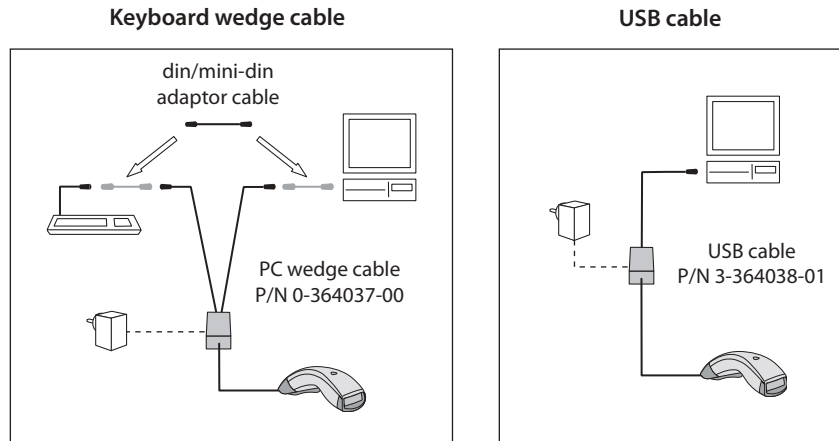
# Keyboard wedge or USB (for PC)

Only do this if you are using a keyboard wedge or USB cable.

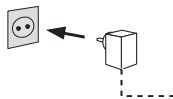
- 1 System power OFF (keyboard wedge only)



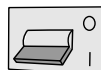
- 2 Connect cables:



- 3 Scanner power ON (normally not required)



- 4 System power ON (keyboard wedge only)



- 5 Select keyboard

QWERTY US English



QWERTZ German



QWERTY Swedish / Finnish



QWERTY Norwegian



QWERTY Spanish



- 6 Customize parameters (optional)

(\*) = default value

Postamble = Enter (\*)



Postamble = none



AZERTY French



QWERTZ Swiss / French



QWERTY Italian



QWERTY Danish



QWERTY Portuguese



Postamble = Carriage Return



Postamble = Tab

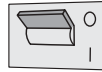


Step 1

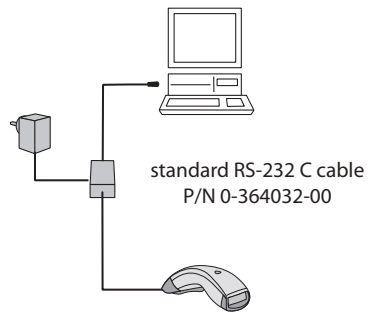
RS-232 C

Only do this if you are using an RS-232 C cable.

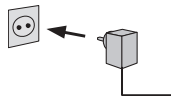
1 System power OFF



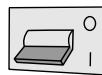
2 Connect cables



3 Scanner power ON



4 System power ON



5 Read this code  
(standard RS-232 C PC serial port compatible)

9600 baud, 7 data bits, even parity, 2 stop bits,  
postamble = carriage return + line feed



6 Customize parameters (optional)

(\*) = default value

Baud rate

9600 baud (\*)



19200 baud



38400 baud



Data bits

7 data bits (\*)



8 data bits



Parity

Even parity (\*)



Odd parity



No parity



Postamble

Carriage Return + Line Feed (\*)



Carriage Return



None



## Step 2

# Symbologies

### 1 Disable all symbologies



### 2 Select symbology

Code 39



UPC-A, UPC-E, EAN-8, EAN-13  
(UPC-A -> EAN-13)



Code 128 / EAN 128



UPC-A, UPC-E, EAN-8, EAN-13  
(UPC-A -> UPC-A)



PDF 417 (1800 PDF only)



### 3 Use the bar codes on the back cover to test your setup

# Default setup

Read this code to reset your scanner to the default configuration



# Trigger activation



**Important !** Do NOT read these codes if your ScanPlus does not have a trigger.

If you read these codes with a non-trigger model your ScanPlus may stop working. If this happens: 1 Disconnect the ScanPlus. 2 Reconnect the ScanPlus while aiming it at the "Default setup" code above.

### Trigger

Read this code to activate the trigger of your scanner



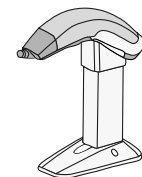
### Hands-free scanning

Read these codes to activate/deactivate automatic hands-free scanning using a scanner stand.

Activate hands-free scanning



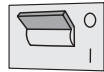
Deactivate hands-free scanning



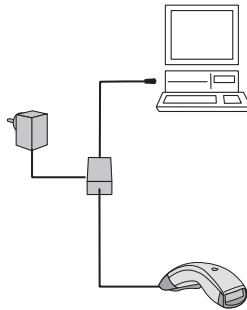
## Full setup with EasySet

This guide allows you to set up your ScanPlus 1800 for most terminal connections and symbologies. If necessary, use the EasySet setup software (on the CD-ROM) for additional configuration possibilities and terminal connections.

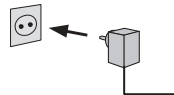
- 1 System power OFF



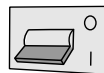
- 2 Connect RS-232 C cable (P/N 0-364032-00)



- 3 Scanner power ON



- 4 System power ON



- 5 Read this code

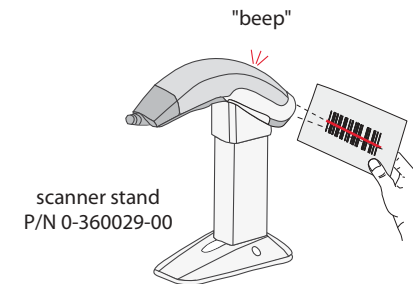
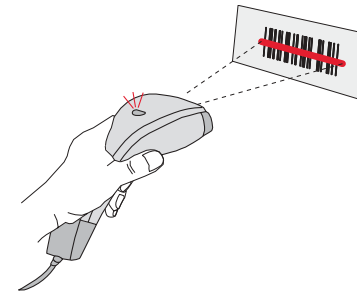


EasySet setup

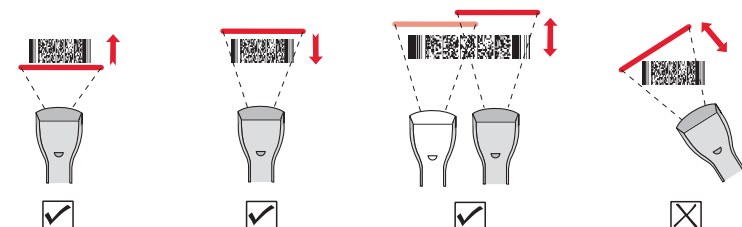
- 6 Start EasySet software



## Using your scanner



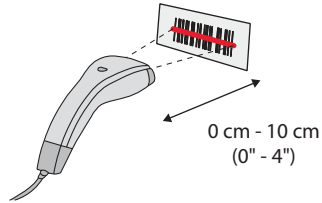
To read PDF417 codes (ScanPlus 1800 PDF model only)



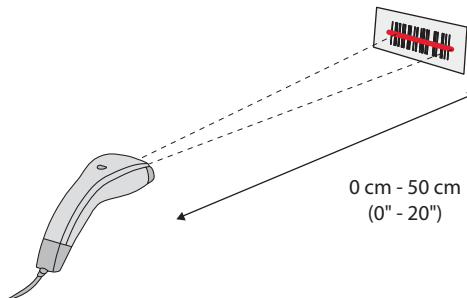
# Reading distance

Typical average reading distances

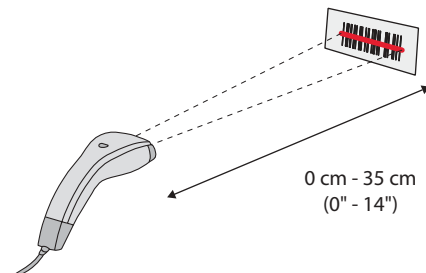
ScanPlus 1800 SR  
ScanPlus 1800 PDF



ScanPlus 1800 ST



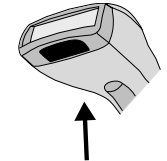
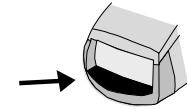
ScanPlus 1800 VT



# Laser warnings (ScanPlus 1800 ST only)

The ScanPlus 1800 ST has a maximum laser output of 0.54 mW at 630-680 nm and complies with the following safety standards: USA: CDRH - Class II Laser Product (CFR 21 Subpart J). IEC 825-1 EN 60825-1 - Class 2 Laser Product. These warnings do not apply to the ScanPlus 1800 SR, PDF and VT which are CCD scanners and do not contain a laser.

AVOID EXPOSURE - EVITER TOUTE EXPOSITION - EVÍTESE EXPOSICIÓN  
Laser radiation is emitted from this aperture - Lumière laser émise par cette ouverture - Se emiten radiaciones de esta apertura.



Fix these warning labels onto the product if they are not already present.

Collez les étiquettes d'avertissement sur votre produit.

Bringen Sie Warnetiketten auf dem Produkt an.

Fije la etiqueta de advertencia en el producto.

Cole as etiquetas de precaução no equipamento.

Un'etichetta di avviso per il laser è da applicare sul prodotto.



ENGLISH (US)



ENGLISH (EU)



CANADA



FRANÇAIS



ITALIANO



DEUTSCH



NORSKA-DENSK



PORTUGUÊS



ESPAÑOL



SVENSKA



日本語



中文

CAUTION – Use of controls or adjustments or performance of procedures other than those specified herein result in hazardous laser light.

VORSICHT – Bei einer anders als hier beschriebenen Verwendung der Bedienelemente oder Veränderungen oder einer anderen Ausführung der Arbeitsabläufe entsteht gefährliches Laserlicht.

ATTENTION – L'utilisation de contrôles/commandes ou de réglages ou l'exécution de procédures autres que ceux précisés par le présent document provoquent une lumière laser dangereuse.

---

## Regulatory statements

**CE** Intermec hereby declares that the ScanPlus 1800 has been tested and found compliant with the below listed standards as required by the EMC Directive 89/336/EEC as amended by 92/31/EEC and by the Low Voltage Directive 73/23/EEC as amended by 93/68/EEC:  
EN55022 (1992)      EN50082-1 (1998)      EN60950 (1993)


**USA:** This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. It generates, uses and can radiate radio frequency energy. If not installed and used in accordance with the instructions, it may cause interference to radio communications. If this equipment causes interference, the user will be required to correct the interference at the user's own expense.

This equipment complies with the UL 1950 standard.

**Canada:** This Class B digital apparatus meets all requirements of the Canadian Interference Causing Equipment Regulations. Cet appareil numérique de la classe B respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.

This equipment complies with the UL 1950 standard.  
Cet équipement est conforme à la norme UL 1950.

**Australia-New Zealand:** This equipment has been tested and found to conform to the Australian EMC framework concerning Class B digital devices, prescribed by the Australian and New-Zealand standard AS/NZS 3548.  N309

**Mexico:** Este equipo cumple con la certificación NOM.

The information contained in this document is for informational purposes only and is subject to change without notice. No part of this document may be copied or reproduced in any manner without the prior written permission of Intermec Technologies Corporation.

The word Intermec, the Intermec logo, ScanPlus and EasySet are either trademarks or registered trademarks of Intermec.

Throughout this document, trademarked names may be used. Rather than put a trademark (™ or ®) symbol in every occurrence of a trademarked name, we state that we are using the names only in an editorial fashion, and to the benefit of the trademark owner, with no intention of infringement.

© 2004 Intermec Technologies Corporation

All Rights Reserved

---

**North America / Asia Pacific / Latin America** • 6001 36th Avenue West, PO Box 4280, Everett, WA 98203-9280 Tel: +1 425 348 2600 • Fax: +1 425 348 2833 • U.S. service and technical support, tel: 1.800.755.5505 • Canadian service and technical support, tel: 1.800.688.7043

---

**Europe / Middle East / Africa** • Sovereign House, Vastern Road, Reading RG1 8BT, England Tel: +44 118 987 9400 • Fax: +44 118 987 9401

---

**Internet:** <http://www.intermec.com>

---

**E-mail:** [info@intermec.com](mailto:info@intermec.com)

---

**Technical Information:** <http://www.intermec.com>



# Test barcodes

