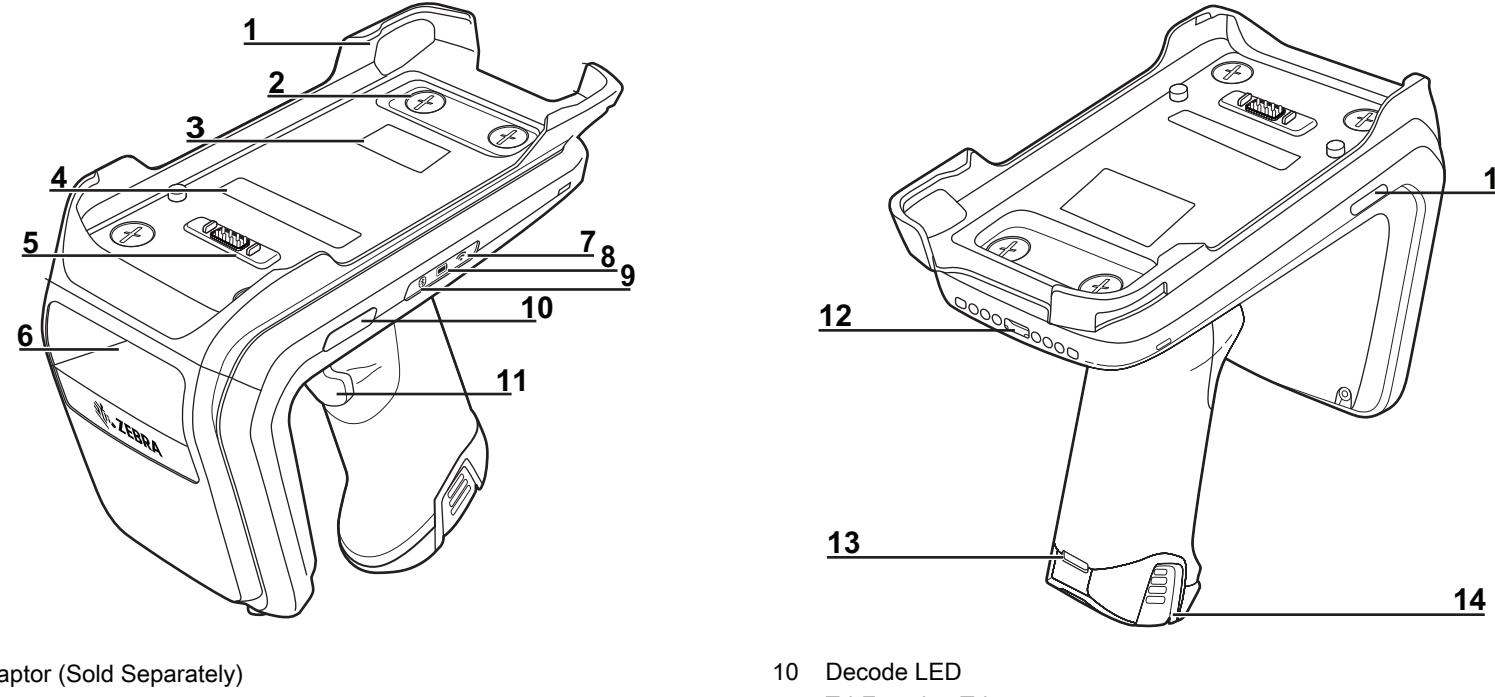


RFD4031**RFID Premium/
Premium Plus Sled****FEATURES**

- 1 Adaptor (Sold Separately)
- 2 Coin Screws (4)
- 3 Paring Barcode Label
- 4 Device Installation Label
- 5 eConnex™ Communication Port
- 6 Imager (Premium Plus Only)
- 7 Wi-Fi Status LED
- 8 Battery Status LED
- 9 Bluetooth LED

- 10 Decode LED
- 11 Tri-Function Trigger
- 12 Charging Contact and USB-C Port
- 13 Tethering Point for Handstrap
- 14 Rubber Foot

Quick Start Guide

See Product Reference Guide for detailed information.

GETTING STARTED

The RFD4031 UHF RFID Premium sled provides RAIN Radio Frequency Identification (RFID) tag reading, writing, and locating capability to supported Zebra mobile computers.

To use the RFD4031 sled for the first time with a mobile computer:

1. Insert the battery into the device.
2. Charge the RFD4031 sled in the charging cradle, charging cup, or by USB-C cable.
3. Replace the standard cover with the adaptor that is specific to the mobile computer used with the sled.
4. Place the mobile computer into the adaptor head.
5. Attach the mobile computer on the sled.
6. Set the region using 123RFID Desktop or 123RFID Mobile.

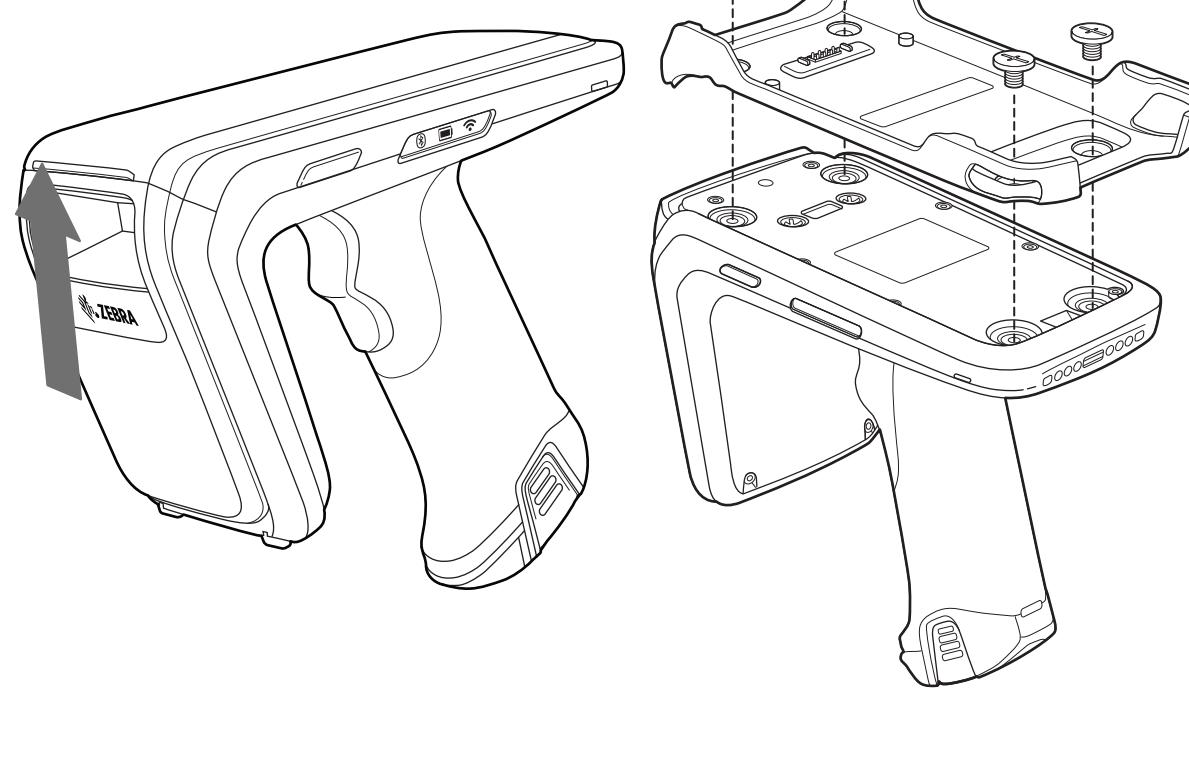
For the latest versions of guides and software, go to: zebra.com/support.

For detailed information, refer to the Product Reference Guide at: zebra.com/support.

ADAPTOR INSTALLATION

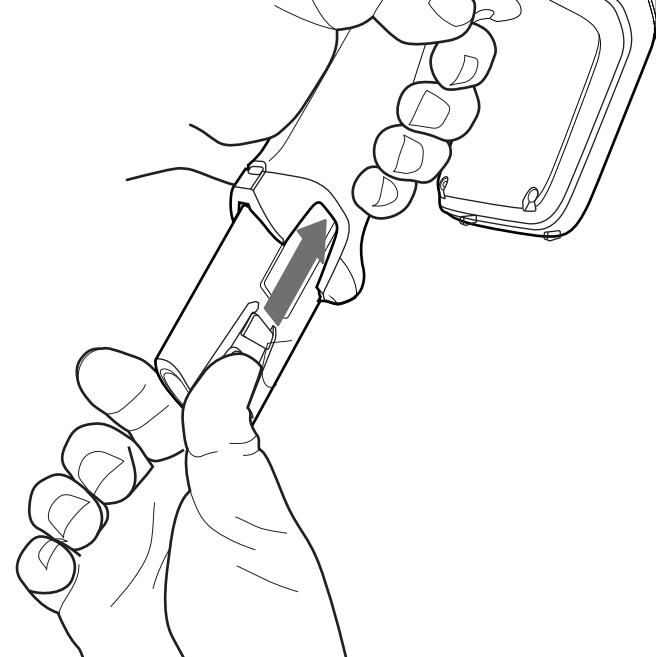
To install the adaptor,

1. Remove the cover by pulling up on the lip.
2. Secure the adaptor onto the RFD4031 by fastening the four coin screws into the sled.

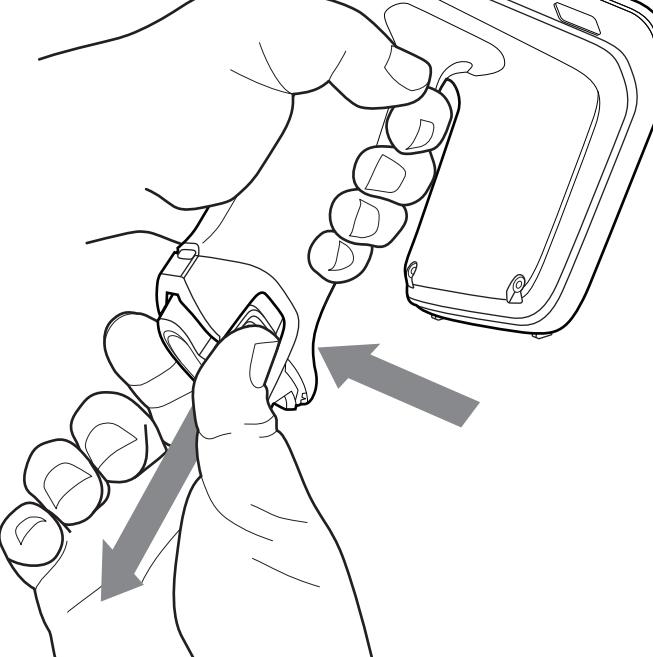
**BATTERY INSTALLATION**

To install the battery:

1. Align the battery with the notch facing the back of the device.
2. Slide the battery into the handle of the device.
3. Snap the battery into place.

**BATTERY REMOVAL**

To remove the battery, pinch the clips to unlock the battery and slide downwards to release.

**DEVICE INSERTION****Inserting the Mobile Computer into the RFD4031 Sled**

To secure the mobile computer to the RFD4031 sled, place the top of the device fully forward into the RFD4031 sled adaptor and push down on the bottom of the mobile computer to secure it.

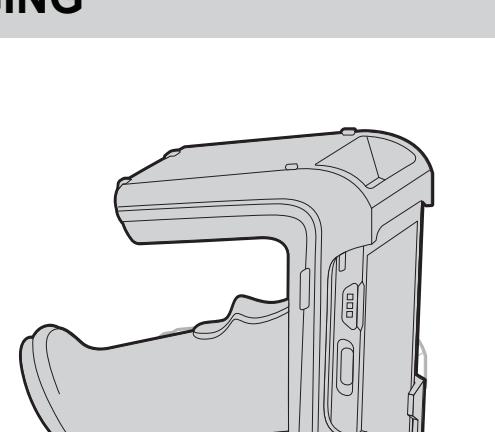
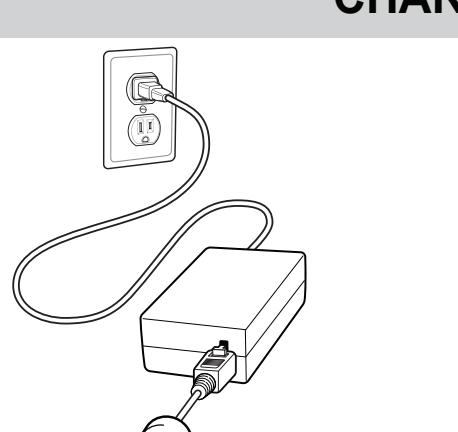
**DEVICE REMOVAL****Removing the Mobile Computer from the RFD4031 Sled**

To remove the mobile computer from the RFD4031 sled, firmly hold the sled handle and lift the device off of the sled adaptor.

**CHARGING**

Before using the RFD4031 sled for the first time, fully charge the battery by placing the sled in the charging cradle until the LED Power/Charging Indicator turns solid green or insert a fully charged battery. The RFD4031 RFID sled and mobile computer may be charged in the charging cradle individually or attached together.

When an RFD4031 RFID sled is removed from a charging cradle, it is automatically powered on. If a reader is not used for a duration of thirty minutes, the reader enters low power mode.



OPTIMUM TAG DECODING



OPTIMUM BODY POSTURE

Optimum Upright Body Posture



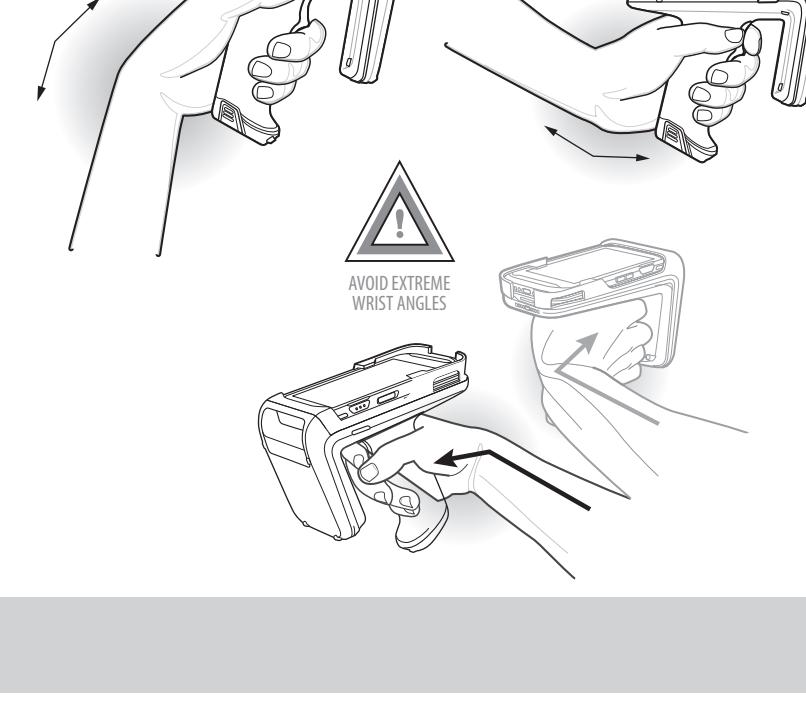
Optimum Body Posture for Low Scanning



Optimum Body Posture for High Scanning



AVOID EXTREME WRIST ANGLES



UI INDICATIONS

Battery Status	LED Indication
Charging	Amber (Blinking)
Charge Complete	Solid Green
Charging Error	Amber (Fast Blinking)
Charging (Battery end of life)	Red (Blinking)
Charge Complete (Battery end of life)	Solid Red
Charging Error (Battery end of life)	Red (Fast Blinking)

Bluetooth Status	LED Indication
Looking to Pair	Amber (Blinking)
Pairing	Solid Green
Paired/Connected	Amber (Fast Blinking)

Wi-Fi Status	LED Indication
Connecting	Green (Blinking)
Connected	Solid Green
Transmission Error/Out of Range	Solid Red

Decode Status	LED Indication
Good Decode	Green
Scan Error	Red
RFID Tag Read Indicator Enabled	Green
Read Error	Red

Decode Status	Beep Tone
Good Scan	Short High Tone
Decode Transmission Error	No Beep
Good RFID Decode	Short Medium Tone
RFID Error	No Beep
Error Message	No Beep
Sled Memory Full	Long Tones (5 seconds)

Battery Status	Beep Tone
Low Battery (20%)	Medium Tones
Low Battery (10%)	Repeating Short Tones
Suspend	High/Medium/Low
Charging	Short Tone
Fully Charged	One Beep
Charging Error (Battery end of life)	Three Beeps (Once)
Power On	Low/Medium/high

Wi-Fi Status	Beep Tone
On/Connected	Short/Low/High Beep
Connecting Error	No Beep

Bluetooth Status	Beep Tone
On/Connected	Short/Low/High
Out of Range	Short/High/Low

REGULATORY INFORMATION

Regulatory Information

This device is approved under Zebra Technologies Corporation. This guide applies to the following model number: RFD4031. All Zebra devices are designed to be compliant with the rules and regulations in the locations they are sold and will be labeled as required. Any changes or modifications to Zebra equipment not expressly approved by Zebra could void the user's authority to operate the equipment. Declared maximum operating temperature: 50°C

Regulatory Markings

Regulatory markings subject to certification are applied to the device signifying the radio(s) is/are approved for use. Refer to the Declaration of Conformity (DoC) for details of other country markings. The DoC is available at: zebra.com/doc.

Health and Safety Recommendations

Ergonomic Recommendations

Regulatory markings subject to certification are applied to the device signifying the radio(s) is/are approved for use. Refer to the Declaration of Conformity (DoC) for details of other country markings. The DoC is available at: zebra.com/doc.

Safety in Hospitals and Aircraft

NOTE: Wireless devices transmit radio frequency energy that may affect medical equipment and aircraft's operation. Wireless devices should be switched off wherever you are requested to do so in hospitals, clinics, healthcare facilities or by airline staff. These requests are designed to prevent possible interference with sensitive equipments.

Medical Devices

It is recommended that a minimum separation distance of 20 cm (8 inches) be maintained between a wireless device and a medical devices such as pacemakers, defibrillators, or other implantable devices to avoid potential interference with the medical device. Pacemaker users should keep the device at the opposite side of the pacemaker or turn OFF the device if suspected of interference.

Please consult your physician or the manufacturer of the medical device to determine if the operation of your wireless product may interfere with the medical device.

RF Exposure Guidelines

Safety Information

Reducing RF Exposure – Use Properly

Only operate the device in accordance with the instructions supplied.

The device complies with internationally recognized standards covering human exposure to electromagnetic fields. For information on international human exposure to electromagnetic fields, refer to the Zebra Declaration of Conformity (DoC) at zebra.com/doc.

Use only Zebra tested and approved headset, belt-clips, holsters, and similar accessories to ensure RF exposure compliance. If applicable, follow the instructions for use as detailed in the accessory guide.

The use of third-party belt clips, holsters, and similar accessories may not comply with RF exposure compliance requirements and should be avoided.

For further information on the safety of RF energy from wireless devices, refer to RF exposure and assessment.

LED Devices

Classified as 'EXEMPT RISK GROUP' according to IEC 62471:2006 and EN 62471:2008.

Pulse Duration: 22.8 ms or CW (RFD4031 with SE4100)

Power Supply

WARNING ELECTRICAL SHOCK: Use only a Zebra approved, Certified ITE LPS power supply with appropriate electrical ratings. Use of an alternative power supply will invalidate any approvals given to this unit and may be dangerous.

Batteries and Power Packs

This information applies to Zebra approved batteries and power packs containing batteries.

Battery Information

CAUTION: Risk of explosion if battery is replaced by an incorrect type. Dispose of batteries according to instructions.

Use only Zebra approved batteries. Accessories which have charging capability are approved for use with the following battery models:

• Battery Part Number BT-000380 (3.6 Vdc, 7000 mAh)

Zebra approved rechargeable battery packs are designed and constructed to the highest standards within the industry.

However, to how long a battery pack can operate or be stored before needing replacement. Many factors affect the actual life cycle of a battery pack, such as heat, cold, harsh environmental conditions and severe drops.

When battery packs are stored over six months, some irreversible deterioration in overall battery quality may occur. Store batteries at half of full charge in a dry, cool place, removed from the equipment to prevent loss of capacity, rusting of metallic parts and electrolyte leakage.

When storing batteries for one year or longer, the charge level should be verified at least once a year and charged to half full charge.

Replace the battery pack when a significant loss of run time is detected.

Standard warranty period for all Zebra batteries is 1 year, regardless if the battery was purchased separately or included as part of the host device.

For more information on Zebra batteries, please visit: zebra.com/batterydocumentation and select the Battery Best Practices link.

Battery Safety Guidelines

IMPORTANT - SAFETY INSTRUCTIONS - SAVE THESE INSTRUCTIONS

WARNING: When using this product basic safety precautions should always be followed, including the following:

The area in which the units are charged should be clear of debris and combustible materials or chemicals. Particular care should be taken where the device is charged in a non commercial environment.

• Read all the instructions before using the product.

• Follow battery usage, storage, and charging guidelines found in the user's guide.

• Improper battery use may result in a fire, explosion, or other hazard.

To charge the mobile device battery, the battery and charger temperatures must be between +32°F and +104°F (0°C and +40°C).

Do not use incompatible batteries and chargers. Use of an incompatible battery or charger may present a risk of fire, explosion, leakage, or other hazard. If you have any questions about the compatibility of a battery or a charger, contact Zebra support.

For devices that utilize a USB port as a charging source, the device shall only be connected to products that bear the USB-IF logo or have completed the USB-IF compliance program.

Do not disassemble or open, crush, bend or deform, puncture, or shred.

Severe impact from dropping any battery-operated device on a hard surface could cause the battery to overheat.

ZEBRA

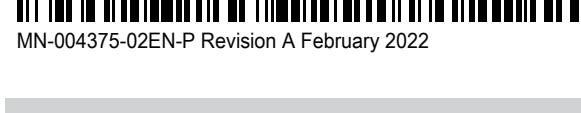
Zebra Technologies Corporation

Lincolnshire, IL U.S.A.

zebra.com

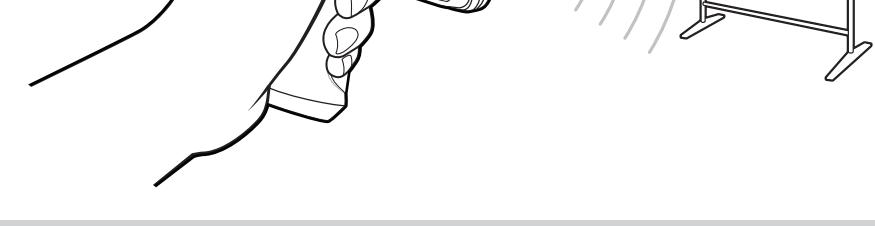
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OPTIMUM TAG DECODING



OPTIMUM BODY POSTURE

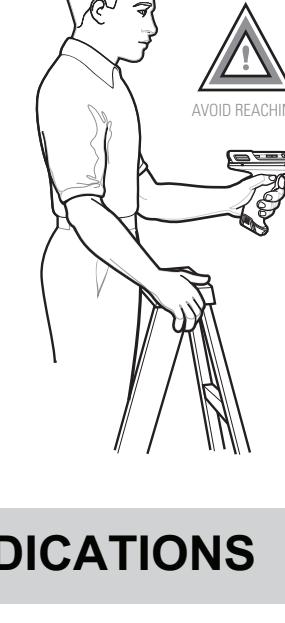
Optimum Upright Body Posture



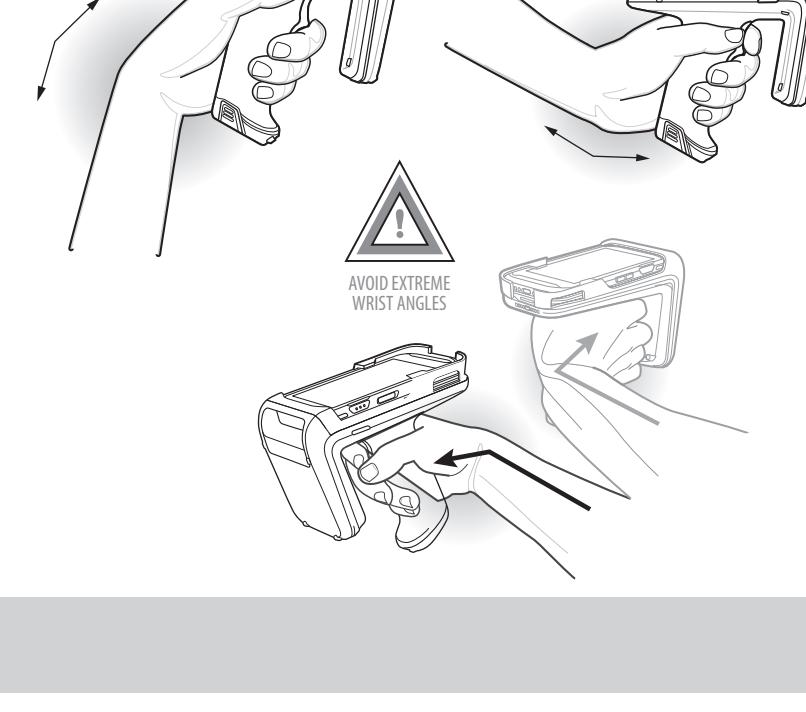
Optimum Body Posture for Low Scanning



Optimum Body Posture for High Scanning



AVOID EXTREME WRIST ANGLES



UI INDICATIONS

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Bluetooth Status	LED Indication
Looking to Pair	Amber (Blinking)
Pairing	Solid Green
Paired/Connected	Amber (Fast Blinking)

Wi-Fi Status	LED Indication

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