WT41N0 Series

EMC Configuration and Accessories Guide

Designed to assist customers and partners with model and configuration guidance
WT41N0 Series

CONFIGURATION & ACCESSORY GUIDES are available on The Source and PartnerCentral

• Also see www.zebra.com/wt41n0 and the WT41N0 Configuration and Accessories Guide

• All WT41N0 series accessories are compatible and backward compatible including: cradles, holsters and cables.

Find Product Information in the EMC Product Portfolio on The Source and PartnerCentral

Partner Central

EMC PRODUCT PORTFOLIO

• EMC Resources
• Zebra Solutions At A Glance
• Enterprise Mobile Computing
  • Knowledge Worker Portfolio
  • Line Worker Portfolio
• EMC Software & Solutions
• Topical Content
• MS OS Strategy
• The Value of Enterprise Class Products
### WT41N0 Series Configuration Matrix

<table>
<thead>
<tr>
<th>CONFIGURATION OPTIONS:</th>
<th>WT41N0</th>
<th>OPTION</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Touch Screen</td>
<td>WT41N0-TXXXXXX</td>
<td>T</td>
<td>Touch</td>
</tr>
<tr>
<td></td>
<td>WT41N0-NXXXXXX</td>
<td>N</td>
<td>Non-touch</td>
</tr>
<tr>
<td></td>
<td>WT41N0-VXXXXXX</td>
<td>V</td>
<td>Voice-only/No Display</td>
</tr>
<tr>
<td>Keypad Overlay</td>
<td>WT41N0-X1XXXXXX</td>
<td>1</td>
<td>3 keys; voice device</td>
</tr>
<tr>
<td></td>
<td>WT41N0-X2XXXXXX</td>
<td>2</td>
<td>Double tap</td>
</tr>
<tr>
<td>Battery</td>
<td>WT41N0-XXSXXXXX</td>
<td>S</td>
<td>Standard</td>
</tr>
<tr>
<td></td>
<td>WT41N0-XXHXXXXX</td>
<td>H</td>
<td>High Capacity</td>
</tr>
<tr>
<td>OS Language &amp; Custom</td>
<td>WT41N0-XXXXXXEX</td>
<td>E</td>
<td>English</td>
</tr>
<tr>
<td></td>
<td>WT41N0-XXXXXJX</td>
<td>J</td>
<td>Japanese</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PRODUCT ID:</th>
<th>TOUCH SCREEN</th>
<th>KEYPAD OVERLAY</th>
<th>BATTERY</th>
</tr>
</thead>
<tbody>
<tr>
<td>WT41N0-N2H27ER</td>
<td>Non-Touch</td>
<td>3 keys; voice device</td>
<td>High Capacity</td>
</tr>
<tr>
<td>WT41N0-N2S27ER</td>
<td>Non-Touch</td>
<td>3 keys; voice device</td>
<td>Standard</td>
</tr>
<tr>
<td>WT41N0-T2H27ER</td>
<td>Touch</td>
<td>3 keys; voice device</td>
<td>High Capacity</td>
</tr>
<tr>
<td>WT41N0-T2S27ER</td>
<td>Touch</td>
<td>3 keys; voice device</td>
<td>Standard</td>
</tr>
<tr>
<td>WT41N0-V1H27ER</td>
<td>Voice-only/No Display</td>
<td>Double tap</td>
<td>High Capacity</td>
</tr>
</tbody>
</table>

All currently available WT41N0 configurations include the following features:

1. WAN Radio: None
2. Memory: 512MB RAM/2GB FLASH
3. OS: Windows Embedded Compact 7 (CE)
4. RoHS: RoHS Compliant
WT41N0 Main Models

**WT41N0**

- **Processor:** Dual Core OMAP 4 @ 1GHz
- **Operative System:** Microsoft Windows Embedded Compact CE 7.0
- **Display:** 2.8” Color QVGA (WT41N0 only)
- **Compatible with:**
  - 1D or 2D ring scanners (including RS419 - latest 1D laser technology with adaptive scanning)
- **IP54**
- **Drop Spec:** 4’ drop to concrete
- **Size:** 142 x 93 x 26 mm
- **Weight:**
  - 320 g (1x battery)
  - 370 g (2x battery)

**WT41N0-T2S27ER**
Touch wearable with standard capacity battery

**WT41N0-V1H27ER**
Voice only wearable
WT41N0 Data capture methods

RS419 1D Laser
Ring scanner with HP engine, can also be used in freezer environments:

**RS419-HP2000FSR**  Ring scanner, to be used with the WT41N0 worn on the wrist.

**RS419-HP2000FLR**  Ring scanner, to be used with the WT41N0 worn on the hip.

RS507 1D/2D Imager
RS507 Configurations matrix:

<table>
<thead>
<tr>
<th>OPTIONS</th>
<th>RS507-XX20000XXXX</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Imager Focus</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Method</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>RS507-IM</strong></td>
<td>20000xxx</td>
<td>SR focus imager</td>
</tr>
<tr>
<td><strong>RS507-DL</strong></td>
<td>20000xxx</td>
<td>DL focus imager</td>
</tr>
<tr>
<td>Battery</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>RS507-xx20000S</strong></td>
<td>Standard Capacity Battery</td>
</tr>
<tr>
<td></td>
<td><strong>RS507-xx20000E</strong></td>
<td>Extended Capacity Battery</td>
</tr>
<tr>
<td></td>
<td><strong>RS507-xx20000C</strong></td>
<td>Corded Adapter to WT41N0</td>
</tr>
<tr>
<td>Trigger</td>
<td><strong>RS507-xx20000T</strong></td>
<td>Manual trigger</td>
</tr>
<tr>
<td></td>
<td><strong>RS507-xx20000N</strong></td>
<td>Without manual trigger for auto-triggering</td>
</tr>
</tbody>
</table>
Single Slot Cradle: CRD4000-1000UR

Single Slot Cradle Kits:
CRD4000-110UES (US)
Includes: Single Slot Cradle CRD4000-1000UR, USB Cable 25-68596-01R, Level VI Power Supply PWR-BGA12V50W0WW, DC Line Cord CBL-DC-388A1-01, and US AC Cord 23844-00-00R.

CRD4000-110UES (INTL)
Step 1: Choose a charging method

4 Slot Cradle: CRD4001-4000ER

4 Slot Cradle Kit: CRD4001-411EES (INTL)

Additional Accessories for 4-slot Cradles

PWR-BGA12V108W0WW
Level VI AC/DC Power Supply (Brick, Replacement for PWRS-14000-241R)
AC Input: 100-240V, 2.8A
DC Output: 12V, 9A, 108W
Requires: DC line cord and Country specific grounded AC line cord.

CBL-DC-381A1-01
DC Line Cord for running multi-slot cradles from a single Level VI power supply PWR-BGA12V108W0WW, Level VI replacement for PWRS-14000-241R

23844-00-00R
US AC line cord, 7.5 feet long, grounded, three wire for power supplies.

CBL-DC-379A1-01
DC “Y” Power cable, used to connect the 4 Slot cradle and a for slot battery charger SAC4000-4000CR to a single Level VI power supply PWR-BGA12V108W0WW, Level VI replacement for PWRS-14000-241R

21-86630-01R
Wall Mounting Bracket, used for mounting the 4 slot cradle on a wall.
Step 2: Choose battery / battery charging accessories

Spare Batteries

BTRY-WT40IAB0E
Standard Lithium Ion battery, 2330 mAh
BTRY-WT40IAB0H
Extended Lithium Ion battery, 4600 mAh

Spare Battery Chargers

SAC4000-4000CR

SAC4000-410CES (US)
Includes: Battery charger SAC4000-4000CR, Level VI Power Supply PWR-BGA12V50W0WW, DC Line Cord CBL-DC-388A1-01, and US AC Cord 23844-00-00R

SAC4000-411CES (INTL)

Accessories for battery chargers:

PWR-BGA12V50W0WW
Level VI AC/DC Power Supply (Brick, replacement for PWRS-14000-148R)
AC Input: 100-240V, 2.4A
DC Output: 12V, 4.16A, 50W
Requires: DC line cord and Country specific grounded AC line cord.

CBL-DC-388A1-01
DC Line Cord for running the single slot cradles or battery chargers from a single Level VI power supply PWR-BGA12V50W0WW, Level VI replacement for PWRS-14000-148R.

23844-00-00R
US AC line cord, 7.5 feet long, grounded, three wire for power supplies.

CBL-DC-380A1-01
4-way DC cable to connect four 4-single slot cradles to Level VI power supply PWR-BGA12V108W0WW, Level VI replacement for PWRS-14000-241R

CBL-DC-379A1-01
DC “Y” Power cable, used to connect the 4 Slot cradle and a for slot battery charger SAC4000-4000CR to a single Level VI power supply PWR-BGA12V108W0WW, Level VI replacement for PWRS-14000-241R

21-86630-01R
Wall Mounting Bracket, used for mounting the 4 slot battery charger on a wall.
### Wrist Mounting Accessories

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SG-WT4023221-03R</td>
<td>Regular arm straps, includes 8” and 11” straps</td>
</tr>
<tr>
<td>SG-WT4023221-04R</td>
<td>Long arm straps, includes 13” and 16” straps</td>
</tr>
<tr>
<td>SG-WT4023020-05R</td>
<td>Wrist mount with regular length arm straps</td>
</tr>
<tr>
<td>SG-WT4023020-06R</td>
<td>Wrist mount with long length arm straps</td>
</tr>
<tr>
<td>SG-WT4023021-02R</td>
<td>Replacement pad</td>
</tr>
<tr>
<td>SG-WT4023021-03R</td>
<td>Replacement pad</td>
</tr>
</tbody>
</table>

### Hip Mounting Accessories

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SG-WT4021010-01R</td>
<td>Hip mount, to be used with the standard capacity battery.</td>
</tr>
<tr>
<td>SG-WT4026000-01R</td>
<td>Freezer pouch, for standard capacity battery, can be used wrist or hip mounted.</td>
</tr>
<tr>
<td>SG-WT4026000-20R</td>
<td>Freezer pouch, for extended capacity battery, can be used wrist or hip mounted.</td>
</tr>
<tr>
<td>11-08062-02R</td>
<td>Belt for hip mount or freezer pouch.</td>
</tr>
</tbody>
</table>
Step 4: Choose audio accessories

### Headset Adapter Cables

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>25-114186-03R</td>
<td>Adapter cable with a coiled section for WT41N0</td>
</tr>
<tr>
<td>25-129940-02R</td>
<td>Short adapter cable (4”) for WT41N0 (wrist mounted)</td>
</tr>
<tr>
<td>25-124412-02R</td>
<td>Long adapter cable (19”) for WT41N0 (hip mounted)</td>
</tr>
<tr>
<td>25-129938-02R</td>
<td>Training “Y” cable to connect two headsets to one WT41N0</td>
</tr>
</tbody>
</table>

### Consumables

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>KT-126574-01R</td>
<td>Replacement earpads foam, (5 pk)</td>
</tr>
<tr>
<td>KT-126579-01R</td>
<td>Replacement windsocks (5 pk)</td>
</tr>
<tr>
<td>KT-126580-01R</td>
<td>Replacement earpads leatherette (5 pk)</td>
</tr>
<tr>
<td>KT-126581-01R</td>
<td>Replacement headbands (5 pk)</td>
</tr>
<tr>
<td>KT-126582-01R</td>
<td>Replacement temple pads (5 pk)</td>
</tr>
</tbody>
</table>

RCH51 Rugged cabled headset
Step 4: Choose audio accessories

IHV Bluetooth Headsets

<table>
<thead>
<tr>
<th>B250XT+</th>
<th>VXI Corp Bluetooth Wireless Headset</th>
</tr>
</thead>
<tbody>
<tr>
<td>Expressway II</td>
<td>VXI Corp Bluetooth Wireless Headset</td>
</tr>
</tbody>
</table>

- **B250-XT+**
  - Bluetooth Headset for WT41N0

- **Expressway II**
  - Bluetooth Headset for WT41N0

IHV certified compatible for voice directed picking (VDP) use case only
Step 5: Choose accessories for RS419 ring scanner

**RS419 Ring Scanner:**

**RS419-HP2000FLR**
Ring scanner for WT41 hip mounted.

**RS419-HP2000FSR**
Ring scanner for WT41 wrist mounted.

**Accessories for RS419 Ring Scanner**

**SG-RS419-TRGAS-01R**
Replacement trigger assembly for ring scanner.

**21-93022-02R**
Short replacement finger strap for ring scanner (6”)

**SG-RS419-FGSTP-01R**
Long replacement finger strap for ring scanner (7.8”)

**RS419 Ring Scanner:**

**RS419-HP2000FLR**
Ring scanner to cable to waist-worn WT4X90 and WT41N0, with HP engine and freezer rating.

**RS419-HP2000FSR**
Ring scanner to cable to arm-worn WT4X90 and WT41N0, with HP engine and freezer rating.
Step 6: Choose accessories for RS507 ring scanner

**Spare Batteries**

- **KTBTRYRS50EAB00-01**
  - Standard Lithium Ion battery, 970 mAh
- **KTBTRYRS50EAB02-01**
  - Extended Lithium Ion battery, 1940 mAh

**Charger Solutions**

- **SAC5070-800CR**
  - 8 Slot battery charger for standard and extended batteries. Includes: power supply and US AC Line Cord 50-16000-182R.
- **SAC5070-801CR**
  - 8 Slot battery charger for standard and extended batteries. Requires power supply PWRS-0102246H54R and 2 wire line cord.

**RS507 with manual trigger:**

- **RS507-IM20000STWR**
  - Imager with SR focus, manual trigger and standard capacity battery.
- **RS507-IM20000CTWR**
  - Imager with SR focus, manual trigger and corded adapter to the WT4X terminal.
- **RS507-IM20000TWR**
  - Imager with SR focus and manual trigger. Requires battery (not included)
- **RS507-DL20000STWR**
  - Imager with DL focus, manual trigger and standard capacity battery.
- **RS507-DL20000TWR**
  - Imager with DL focus and manual trigger. Requires battery (not included).

**RS507 without manual trigger:**

- **RS507-IM20000SNWR**
  - Imager with SR focus and standard capacity battery. Without trigger for auto-triggering.
- **RS507-IM20000ENWR**
  - Imager with SR focus and extended capacity battery. Without trigger for auto-triggering.
## Step 6: Choose accessories for RS507 ring scanner

### Replacement Straps and Buckles:

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>KT-STRPT-RS507-10R</td>
<td>Velcro straps, for manual trigger configurations (10 pk)</td>
</tr>
<tr>
<td>KT-STRPN-RS507-10R</td>
<td>Velcro straps, for trigger-less configurations (10 pk)</td>
</tr>
<tr>
<td>KT-STRP2-RS507-10R</td>
<td>Elastic straps for trigger or trigger-less configurations (10 pk)</td>
</tr>
<tr>
<td>KT-BKL-RS507-10R</td>
<td>Buckles for velcro straps, use two for trigger-less configurations (10 pk)</td>
</tr>
<tr>
<td>KT-BKLT-RS507-10R</td>
<td>Buckles for elastic straps, used with trigger configurations only. (10 pk)</td>
</tr>
<tr>
<td>KT-BKLN-RS507-10R</td>
<td>Buckles for elastic straps, use two for trigger-less configurations. (10 pk)</td>
</tr>
</tbody>
</table>

### Replacement Triggers:

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>KT-CLMPT-RS507-01R</td>
<td>Replacement trigger swivel assembly.</td>
</tr>
<tr>
<td>KT-CLMPN-RS507-01R</td>
<td>Replacement strap holder, for trigger-less configurations.</td>
</tr>
<tr>
<td>KT-PAD-RS507-10R</td>
<td>Replacement comfort pads, to be used with manual trigger and trigger-less configurations (10 pk)</td>
</tr>
</tbody>
</table>

### Corded Adapter:

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADPTRWT-RS507-04R</td>
<td>Corded Adapter for the RS507. It uses instead of the battery for serial interface to the WT41N0.</td>
</tr>
</tbody>
</table>