



# 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

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

- Also see [www.zebra.com/wt41n0](http://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.

## WT41N0 Series Configuration Matrix

CONFIGURATION OPTIONS:	WT41N0	OPTION	DESCRIPTION
Touch Screen	WT41N0-TXXXXXX	T	Touch
	WT41N0-NXXXXXX	N	Non-touch
	WT41N0-VXXXXXX	V	Voice-only/No Display
Keypad Overlay	WT41N0-X1XXXXX	1	3 keys; voice device
	WT41N0-X2XXXXX	2	Double tap
Battery	WT41N0-XXSXXXX	S	Standard
	WT41N0-XXHXXXX	H	High Capacity
OS Language & Custom	WT41N0-XXXXXEX	E	English
	WT41N0-XXXXXJX	J	Japanese

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

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-T2S27ER  
Touch wearable with standard  
capacity battery

WT41N0-V1H27ER  
Voice only wearable

### 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 Data capture methods

## 1D Laser

### 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.

**RS419-HP2000FSR**  
Ring scanner with cable to wrist

**RS419-HP2000FLR**  
Ring scanner with cable to waist

### RS507 1D/2D Imager

RS507 Configurations matrix:

OPTIONS	RS507-XX20000XXXX	DESCRIPTION
Imager Focus Method	RS507-IM20000xxx	SR focus imager
	RS507-DL20000xxx	DL focus imager
Battery	RS507-xx20000Sxxx	Standard Capacity Battery
	RS507-xx20000Exxx	Extended Capacity Battery
	RS507-xx20000Cxxx	Corded Adapter to WT41N0
Trigger	RS507-xx20000xTxx	Manual trigger
	RS507-xx20000xNxx	Without manual trigger for auto-triggering

## 1D/2D Imager

**RS507-IM20000CTWR**  
Corded imager with trigger

**RS507-IM20000STWR**  
Imager with trigger and standard capacity battery

# WT41N0

## Accessories Guide

Form Factor



## Step 1: Choose a charging method

### Single Slot Cradle:

#### CRD4000-1000UR

Single slot USB cradle w/spare battery charger. Level VI Power Supply PWR-BGA12V50W0WW, DC Line Cord CBL-DC-388A1-01 and Country Specific 3 wire AC Line Cord.

### 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)

Includes: Single Slot Cradle CRD4000-1000UR, USB Cable 25-68596-01R, Level VI Power Supply PWR-BGA12V50W0WW and DC Line Cord CBL-DC-388A1-01. Must purchase 3 wire AC Cord separately.

## Additional Accessories for Single Slot Cradle

#### 25-68596-01R

USB Cable for the single slot cradle

#### 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

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

#### RDUYS08220007

Adapter to connect USB hub, keyboard, or mouse to the single-slot cradle.



The single slot cradle can charge a WT41N00 and has a USB port. It allows to charge a spare standard or extended battery.

## Step 1: Choose a charging method

### 4 Slot Cradle:

#### CRD4001-4000ER

4 Slot Ethernet cradle. Level VI Power Supply PWR-BGA12V108W0WW, DC Cord CBL-DC-381A1-01 and Country Specific 3 wire AC Line Cord.

### 4 Slot Cradle Kit:

#### CRD4001-411EES (INTL)

Includes: 4 Slot Cradle CRD4001-4000ER, Level VI Power Supply PWR-BGA12V108W0WW and DC Cord CBL-DC-381A1-01. Must purchase 3 wire AC Cord separately.

## 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  
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**  
4-slot battery charger. Level VI  
Power Supply PWR-BGA12V50W0WW, DC  
Line Cord CBL-DC-388A1-01 and Country  
Specific 3 wire AC Line Cord.

**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)**  
Includes: Battery charger SAC4000-4000CR  
Level VI Power Supply PWR-  
BGA12V50W0WW and DC Line Cord CBL-  
DC-388A1-01. Must purchase 3 wire AC Cord  
separately.

### 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

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.

## Step 3: Choose carrying accessories

### Wrist Mounting Accessories

SG-WT4023020-05R

Wrist mount with regular length arm straps.

SG-WT4023020-06R

Wrist mount with long length arm straps.

SG-WT4023221-03R

Regular arm straps, includes 8" and 11" straps

SG-WT4023221-04R

Long arm straps, includes 13" and 16" straps

SG-WT4027050-01R

Arm sleeves (pack of 5)

SG-WT4023021-02R

Replacement pad

### Hip Mounting Accessories

SG-WT4021010-01R

Hip mount, to be used with the standard capacity battery.

SG-WT4026000-01R

Freezer pouch, for standard capacity battery, can be used wrist or hip mounted.

SG-WT4026000-20R

Freezer pouch, for extended capacity battery, can be used wrist or hip mounted.

11-08062-02R

Belt for hip mount or freezer pouch.

## Step 4: Choose audio accessories

RCH51

Rugged cabled headset

### Headset Adapter Cables

25-114186-03R

Adapter cable with a coiled section for WT41N0

25-129940-02R

Short adapter cable (4") for WT41N0 (wrist mounted)

25-124412-02R

Long adapter cable (19") for WT41N0 (hip mounted)

25-129938-02R

Training "Y" cable to connect two headsets to one WT41N0

### Consumables

KT-126574-01R  
Replacement ear pads foam, (5 pk)

KT-126579-01R  
Replacement windsocks (5 pk)

KT-126580-01R  
Replacement earpads leatherette (5 pk)

KT-126581-01R  
Replacement headbands (5 pk)

KT-126582-01R  
Replacement temple pads (5 pk)

## Step 4: Choose audio accessories

B250-XT+  
Bluetooth Headset  
for WT41N0

Expressway II  
Bluetooth Headset  
for WT41N0

### IHV Bluetooth Headsets

B250XT+

VXi Corp Bluetooth Wireless  
Headset

Expressway II

VXi Corp Bluetooth Wireless  
Headset



IHV certified compatible for voice directed picking  
(VDP) use case only

## Step 5: Choose accessories for RS419 ring scanner

RS419-HP2000FLR  
Ring scanner for  
WT41 hip mounted.

RS419-HP2000FSR  
Ring scanner for  
WT41 wrist mounted.

### 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.

### Accessories for RS419 Ring Scanner

SG-RS419-TRGAS-01R

Replacement trigger assembly  
for ring scanner.

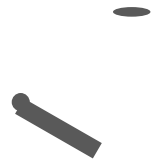
21-93022-02R

Short replacement finger strap  
for ring scanner (6")

SG-RS419-FGSTP-01R

Long replacement finger strap  
for ring scanner (7.8")

## Step 6: Choose accessories for RS507 ring scanner



RS507-IM20000ENWR  
Imager without trigger and  
extended battery

RS507-IM20000STWR  
Imager with trigger and  
standard battery

### 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-IM200000TWR Imager with SR focus and manual trigger. Requires battery (not included)
- RS507-DL20000STWR Imager with DL focus, manual trigger and standard capacity battery.
- RS507-DL200000TWR 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.

## 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.

## Step 6: Choose accessories for RS507 ring scanner

### Replacement Straps and Buckles:

KT-STRPT-RS507-10R

Velcro straps, for manual trigger configurations (10 pk)

KT-STRPN-RS507-10R

Velcro straps, for trigger-less configurations (10 pk)

KT-STRP2-RS507-10R

Elastic straps for trigger or trigger-less configurations (10 pk)

KT-BKL-RS507-10R

Buckles for velcro straps, use two for trigger-less configurations (10 pk)

KT-BKLT-RS507-10R

Buckles for elastic straps, used with trigger configurations only. (10 pk)

KT-BKLN-RS507-10R

Buckles for elastic straps, use two for trigger-less configurations. (10 pk)

### Replacement Triggers:

KT-CLMPT-RS507-01R

Replacement trigger swivel assembly.

KT-CLMPN-RS507-01R

Replacement strap holder, for trigger-less configurations.

KT-PAD-RS507-10R

Replacement comfort pads, to be used with manual trigger and trigger-less configurations (10 pk)

### Corded Adapter:



ADPTRWT-RS507-04R

Corded Adapter for the RS507. It uses instead of the battery for serial interface to the WT41N0.