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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](#)





WT41N0 Series Configuration Matrix

CONFIGURATION OPTIONS:	WT41N0	OPTION	DESCRIPTION
Touch Screen	WT41N0- T XXXXXX	T	Touch
	WT41N0- N XXXXXX	N	Non-touch
	WT41N0- V XXXXXX	V	Voice-only/No Display
Keypad Overlay	WT41N0-X 1 XXXXX	1	3 keys; voice device
	WT41N0-X 2 XXXXX	2	Double tap
Battery	WT41N0-XX S XXXX	S	Standard
	WT41N0-XX H XXXX	H	High Capacity
OS Language & Custom	WT41N0-XXXXX E X	E	English
	WT41N0-XXXXX J X	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

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- IM 20000xxx	SR focus imager
	RS507- DL 20000xxx	DL focus imager
Battery	RS507-xx20000 S xxx	Standard Capacity Battery
	RS507-xx20000 E xxx	Extended Capacity Battery
	RS507-xx20000 C xxx	Corded Adapter to WT41N0
Trigger	RS507-xx20000x T xx	Manual trigger
	RS507-xx20000x N xx	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



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Step 1: Choose a charging method



Single Slot Cradle: CRD4000-1000UR

Single slot USB cradle w/spare battery charger. **Requires:** 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

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



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. **Requires:** 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

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

4-slot battery charger. **Requires:** 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

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.

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



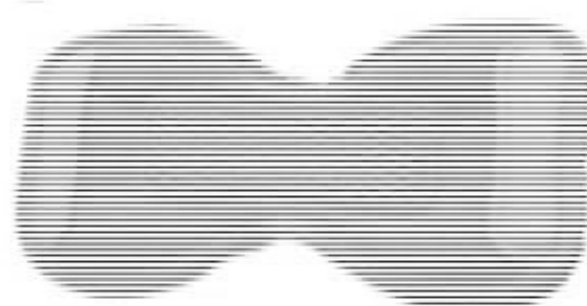
SG-WT4023221-04R

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



KTBTYRS50EAB00-01
Standard Lithium Ion
battery, 970 mAh



KTBTYRS50EAB02-01
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.