TC8XXX

(TC8000 / TC8300)
Configuration Guide

ZEBRA

CONFIGURATION OPTIONS:	TC83XX	OPTION	DESCRIPTION
Wireless Option	TC83**B**X-XXXXXXXXXX	B	WLAN 802.11 a/b/g/n/ac MU-MIMO & BT 5.0 BLE
RFID	TC83B**0**-XXXXXXXXXX	0	None
	TC83B**H**-XXXXXXXXXX	H	HF RFID Radio with NFC
Scan Engine	TC83BX-**A**XXXXXXXXX	A	SE965 1D Laser
	TC83BX-**2**XXXXXXXXX	2	SE4750MR 2D Imager Medium Range
	TC83BX-**3**XXXXXXXXX	3	SE4850 2D Imager Extended Range (ERI)
	TC83BX-**4**XXXXXXXXX	4	SE4750DP 2D Imager DPM w/ light diffusion (Q3, 2019)
	TC83BX-**5**XXXXXXXXX	5	SE4750DP-A 2D Imager DPM wide angle w/ light diffusion (Q3, 2019)
	TC83BX-**6**XXXXXXXXX	6	SE4770SR 2D Imager Standard Range (Q4, 2019)
Camera	TC83BX-X**0**XXXXXXXX	0	None
	TC83BX-X**2**XXXXXXXX	2	13 MP Color Camera
Display	TC83BX-XX**0**XXXXXXX	0	Color 4" Diagonal VGA
Memory	TC83BX-XXX**5**XXXXXX	5	4 GB RAM / 32 GB Flash
	TC83BX-XXX**6**XXXXXX	6	8 GB RAM / 128 GB Flash (Q3, 2019)
Operating System	TC83BX-XXXX**A**XXXXX	A	Android
Sensors	TC83BX-XXXXX**5**XXXX	5	Acceleromater, Gyroscope
	TC83BX-XXXXX**6**XXXX	6	Accelerometer, Gyro, Scan vibration
	TC83BX-XXXXX**7**XXXX	7	Accel, Gyro, Scan vib, Magnetic sensor, Proximity Sensor
Audio	TC83BX-XXXXXX**1**XXX	1	One Display Side Microphone
Additional Features	TC83BX-XXXXXXX**0**XX	0	None
	TC83BX-XXXXXXX**C**XX	C	Condensation Resistant
Region	TC83BX-XXXXXXXX**CN**	CN	China (Q3, 2019)
	TC83BX-XXXXXXXX**IN**	IN	India (Q3, 2019)
	TC83BX-XXXXXXXX**NA**	NA	North America (US, CA, PR)
	TC83BX-XXXXXXXX**RW**	RW	Rest Of World
	TC83BX-XXXXXXXX**TA-KT**	TA-KT	TAA (Trade Agreement Act – USA) (Q3, 2019)

TC8000 Configurations Available

SKU Category	Features
Base	**Sensors** Accelerometer Proximity sensor (2D imager configurations only) Magnetic sensor (2D imager configurations only) **Memory** 1 GB RAM / 4 GB Flash
Condensation Resistant	**Includes everything in a base unit as well as:** **Added sensors** Digital compass Gyroscope **Added features** Condensation resistant desiccant pack **Increased Memory** 1 GB RAM / 8 GB Flash
Premium	**Includes everything in a base unit as well as:** **Added sensors** Proximity sensor (2D imager configurations only) Magnetic sensor (2D imager configurations only) Digital compass Gyroscope **Added features** 8MP camera HF RFID Radio with NFC **Increased memory** 1 GB RAM / 8 GB Flash or 2 GB RAM / 16 GB Flash
Expansion	**Includes everything in a premium unit as well as:** **Added features** Expansion connector for 3rd party hardware modules

TC8300 Configurations Available

*TC8300 DPM w/ light diffusion ***

SKU Category	Features
Base	**Sensors** Gyroscope & Accelerometer **Memory** 4 GB RAM / 32 GB Flash
Condensation Resistant	**Includes everything in a base unit as well as:** **Added features** Condensation resistant desiccant cartridge Scan vibration feedback
Package 1	**Includes everything in a base unit as well as:** **Added sensors** Proximity sensor Magnetic sensor **Added features** 13MP color rear camera HF RFID Radio with NFC Scan vibration feedback
Package 2 High Memory *	**Includes everything in Package 1 as well as:** **Increased memory** 8 GB RAM / 128 GB 3D TLC Flash
DPM *	**Includes everything in a base unit as well as:** **Added features** DPM 2D Imager with light diffusion Scan vibration feedback

* Available Q3, 2019

TC8XXX Data Capture Methods

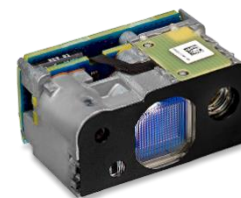| Scan Engines	
TC80XX-A	SE965 1D Standard Range Laser
TC80XX-1	SE4750 2D Standard Range Imager
TC80XX-2	SE4750 2D Medium Range Imager
TC80XX-3	SE4850 2D Extended Range Imager
TC83XX-A	SE965 1D Standard Range Laser
TC83XX-2	SE4750 2D Medium Range Imager
TC83XX-3	SE4850 2D Extended Range Imager
TC83XX-4	SE4750DP 2D DPM Standard Range Imager *
TC83XX-5	SE4750DP 2D DPM Wide Angle Imager *
TC83XX-6	SE4770 2D Standard Range Imager **

TC8XXX-A
1D Standard Range Laser

TC8000-1
Standard Range Imager

TC8XXX-2
Medium Range Imager

TC8XXX-3
Extended Range Imager

TC83XX-4/5
DPM Imager w/ light diffusion *

* Available Q3, 2019   ** Available Q4, 2019

TC8XXX

(TC8000 / TC8300)
Accessories Guide

Step 1:
Choose a charging method
Cradle options

Single Slot Cradle w/Spare Battery Charger:

CRD-TC8X-2SUCHG-01: Single slot USB Cradle, w/spare battery charging, charges one device and one spare battery. **For all non-DPM units.**

CRD-TC8D-2SUCHG-01: Single slot USB Cradle, w/spare battery charging, charges one device and one spare battery. **For DPM units.** * Available Q3, 2019

Allows USB communication to the device with an additional micro-USB cable.

Requires: Power Supply **PWR-BGA12V50W0WW**, DC Line Cord **CBL-DC-388A1-01** and Country Specific 3 wire AC Line Cord.

Additional accessories for single slot cradle

25-124330-01R
Micro-USB to USB Cable for 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.

Note: additional cradle configurations are available via a custom product request. In addition, spare cradle cups are available as service spare parts.

Step 1:
Choose a charging method
Mount options for single slot cradle

CRD-TC8X-2SUCHG-01: Single slot USB Cradle, w/spare battery charger, allows charging one device and one spare battery. Allows USB communication to the device with an additional micro-USB cable. **For all non-DPM units.**

CRD-TC8D-2SUCHG-01: Single slot USB Cradle, w/spare battery charger, allows charging one device and one spare battery. Allows USB communication to the device with an additional micro-USB cable. **For all DPM units.** * Available Q3, 2019

Desktop bracket for single slot cradle

BRKT-SCRD-SSDK-01

TC8XXX Desk Mounting Bracket for ShareCradle. Allows to install the Single Slot Cradle w/Spare Battery Charger on a flat surface. (i.e. desktop). **Includes:** Two-slot cradle desk plate for bracket (BRKT-SCRD-SSPL-01) and stands for desk plate (BRKT-SCRD-DKST-01). **Requires:** Single slot ShareCradle w/spare battery charger.

Step 1:
Choose a charging method
Cradle options

Multi-Slot Cradle options:
For all non-DPM units

CRD-TC8X-5SCHG-01: 5Slot Charge Only Cradle, charges up to five devices.

CRD-TC8X-5SETH-01: 5Slot Ethernet Cradle, charges up to five devices and provides Ethernet communication.

CRD-TC8X-5SC4BC-01: 4Slot Charge Only Cradle with 4Slot Spare Battery Charger, charges up to 4 devices and up to 4 spare batteries on the same cradle.

CRD-TC8X-5SE4BC-01: 4Slot Ethernet Cradle with 4Slot Spare Battery Charger, charges up to 4 devices and up to 4 spare batteries on the same cradle and provides Ethernet communication.

All Cradles Require: Power Supply **PWR-BGA12V108W0WW**, DC Cord **CBL-DC-381A1-01** and Country Specific 3 wire AC Line Cord.

Additional accessories for multi-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.

Note: Additional cradle configurations are available via a custom product request. In addition, spare cradle cups are available as service spare parts.

Step 1:
Choose a charging method

Mount options for multi-slot cradle

CRD-TC8X-5SCHG-01: 5Slot Charge Only Cradle, charges up to five devices.

CRD-TC8X-5SETH-01: 5Slot Ethernet Cradle, charges up to five devices and provides Ethernet communication.

CRD-TC8X-5SC4BC-01: 4Slot Charge Only Cradle with 4Slot Spare Battery Charger, charges up to 4 devices and up to 4 spare batteries on the same cradle.

CRD-TC8X-5SE4BC-01: 4Slot Ethernet Cradle with 4Slot Spare Battery Charger, charges up to 4 devices and up to 4 spare batteries on the same cradle and provides Ethernet communication.

Desktop bracket for multi-slot cradle

BRKT-SCRD-MSDK-01

TC8XXX Desk Mounting Bracket for ShareCradle. Allows to install any Multi-Slot cradle on a flat surface. (i.e. desktop).
Includes: Multi-Slot cradle desk plate for bracket (BRKT-SCRD-MSPL-01) and stands for desk plate (BRKT-SCRD-DKST-01).
Requires: Multi-Slot ShareCradle.
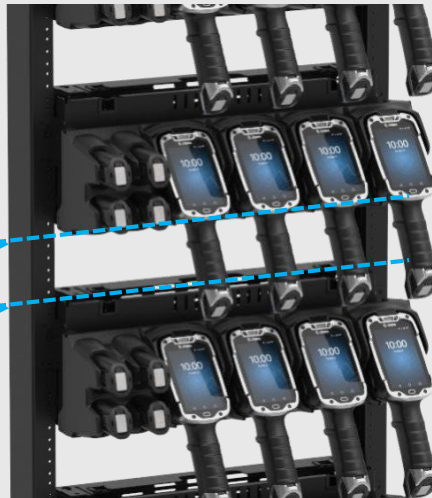
Step 1:
Choose a charging method
Mount options for multi-slot cradle

**MAXIMUM DENSITY
RACK MOUNTED SOLUTION:**
The Rack/Wall Mount Bracket have been optimized to work on a standard 19-inch rack, maximized density. The brackets can also be configured in different angles for maximum flexibility.

SPACE RACK BRACKETS 3.5" APART (minimum)

Rack/Wall bracket for multi-slot cradle

BRKT-SCRD-SMRK-01

Rack/Wall mounting bracket, allows to install any Single Slot or Multi-Slot cradle on a wall or a 19" IT rack. The bracket also allows to install up to four 4Slot Spare Battery Chargers together on a wall or standard 19" IT rack.

Compatible with all multi-slot cradle options:

CRD-TC8X-5SCHG-01: 5Slot Charge Only Cradle, charges up to five devices.

CRD-TC8X-5SETH-01: 5Slot Ethernet Cradle, charges up to five devices and provides Ethernet communication.

CRD-TC8X-5SC4BC-01: 4Slot Charge Only Cradle with 4Slot Spare Battery Charger, charges up to 4 devices and up to 4 spare batteries on the same cradle.

CRD-TC8X-5SE4BC-01: 4Slot Ethernet Cradle with 4Slot Spare Battery Charger, charges up to 4 devices and up to 4 spare batteries on the same cradle and provides Ethernet communication.

Step 2:
Choose battery / battery charging accessories

Spare Battery options

6700 mAh Battery

BTRY-TC8X-67MA1-01

PowerPrecision+ Spare Lithium Ion battery, 6700 mAh. Advanced new battery technology, provides a higher level of intelligence (State of Charge and State of Health) to deliver maximum performance.

7000 mAh Battery

BTRY-TC8X-70MA1-01

PowerPrecision+ Spare Lithium Ion battery, 7000 mAh. Advanced new battery technology, provides a higher level of intelligence (State of Charge and State of Health) to deliver maximum performance.

TC8000 ships with BTRY-TC8X-67MA1-01
TC8300 ships with BTRY-TC8X-70MA1-01
Both batteries are compatible with TC8000 and TC8300 devices for compatibility in mixed TC8XXX device populations
Both batteries are compatible with all TC8X spare battery charger options

Step 2:
Choose battery / battery charging accessories

Spare Battery Charging Options

Spare Battery Charging Options:

SAC-TC8X-4SCHG-01
4-slot battery charger, charges four spare batteries. Compatible with BTRY-TC8X-67MA1-01 and BTRY-TC8X-70MA1-01 spare batteries

Requires: Power Supply **PWR-BGA12V50W0WW**, DC Line Cord **CBL-DC-388A1-01** and Country Specific 3 wire AC Line Cord.

Accessories for 4-slot battery charger:

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.

CBL-DC-523A1-01
DC "Y" Line Cord for running two SAC-TC8X-4SCHG-01 battery chargers with a single Level VI power supply PWR-BGA12V108W0WW, Level VI replacement for PWRS-14000-241R.

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.

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

Step 2:
Choose battery / battery charging accessories

Mount options for battery charger

RACK/WALL MOUNT BATTERY SOLUTION:
The Rack/Wall Mount Bracket can be used to mount **FOUR 4-slot battery chargers** for a combined charging of 16 batteries on a single bracket.

Rack/Wall bracket for battery chargers

BRKT-SCRD-SMRK-01
Rack/Wall mounting bracket, allows to install any Single Slot or Multi-Slot cradle on a wall or a 19" IT rack. The bracket also allows to install up to four 4Slot Spare Battery Chargers together on a wall or standard 19" IT rack.

Step 3:
Choose cables/adapters

Cable / Adapter options

USB/Charging Cable

CBL-TC8X-USBCHG-01

Provides USB communication to the device.
Requires: Power supply **PWR-BUA5V16W0WW,** DC Line Cord **CBL-DC-383A1-01** and un-grounded country specific AC line cord.

PWR-BUA5V16W0WW

Level VI AC/DC Power Supply (Brick, Replacement for PWRS-14000-249R)
AC Input: 100-240V, 0.6A
DC Output: 5.4V, 3A, 16W
Requires: DC line cord and Country specific un-grounded AC line cord.

CBL-DC-383A1-01

DC Line Cord for running single slot cradles or charging cables from a single Level VI power supply PWR-BUA5V16W0WW, Level VI replacement for PWRS-14000-249R

50-16000-182R

US AC line cord, un-grounded, two-wire.

Audio Cables

CBL-TC8X-AUDQD-01

Audio adapter cable, compatible with quick-disconnect wired headsets, for voice-directed picking and PTT applications.
Requires: QD headset.

CBL-TC8X-AUDBJ-01

Audio adapter cable, compatible with 3.5mm wired headsets, recommended for PTT applications **only.**
Requires: 3.5mm headset.

HS2100
Rugged wired headset

CBL-HS2100-3MS1-01 3.5mm headset cable to connect to CBL-TC8X-AUDBJ-01

CBL-HS2100-QDC1-01 Quick Disconnect (QD) cable for HS2100 Headset to connect to CLB-TC8X-AUDQD-01

HSDT-35MM-PTVP-01

Over the ear headset with/MIC and PTT-3.5mm

Step 4:
Choose carrying accessories

Carrying options

Quick-draw Holster (non-DPM units)

SG-TC8X-QDHLST-01

Soft material holster, side loop accommodates a full sized stylus (SG-TC7X-STYLUS-03). Compatible with all non-DPM units
Requires: Universal belt.

Quick-draw Holster (DPM units)

SG-TC8D-QDHLST-01

Soft material holster, side loop accommodates a full sized stylus (SG-TC7X-STYLUS-03). Green stripe denotes compatibility with DPM units.
Requires: Universal belt.

* Available Q3, 2019

Presentation Holster

SG-TC8X-PMHLST-01

Soft material holster, side loop accommodates a full sized stylus (SG-TC7X-STYLUS-03). Allows to use the device with a wired headset and enables to use the device on free-hands scanning mode.
Requires: Universal shoulder strap or universal belt.

Shoulder strap WA6010

Universal shoulder strap for fabric holster.
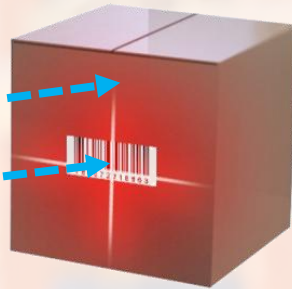
OR

Belt for holster 11-08062-02R

Universal belt for fabric holster.

Step 4:
Choose carrying accessories

Free-hands scanning mode

SG-TC8X-PMHLST-01: Presentation Holster

The TC8XXX senses that a box has been waved in front of it, using its proximity sensor, and activates the scan engine to decode the barcode.

The holster signals the TC8XXX to activate the proximity sensor for hands free presentation scanning.

HANDS-FREE PRESENTATION SCANNING FROM THE HIP

Users can place a TC8XXX in a holster for hands free scanning. **Simply pass box in front of the TC8XXX and it will decode the barcode automatically.**

* Requires proximity sensor-equipped devices for hands-free scanning. Please see product configuration matrices

Step 5:
Choose additional mounting options
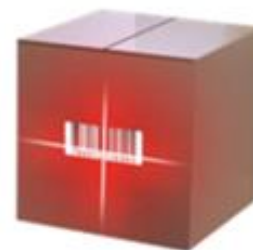
TC8XXX Mounting accessories for proximity scanning

Desktop Stand

MNT-TC8X-DKPH-01

Un-powered desktop presentation stand. Allows to use the device on a flat surface (i.e. desktop) and allows to use the device on hands-free scanning mode.

The stand signals the TC8000 to activate the proximity sensor for hands-free presentation scanning.

HANDS-FREE SCANNING

Simply present an item in front of the TC8000 and it will decode the barcode automatically.

* Requires proximity sensor-equipped devices for hands-free scanning. Please see product configuration matrices

Step 5:
Choose additional mounting options

TC8XXX Mounting accessories for proximity scanning

Cart Mount

MNT-TC8X-CMKT-01

Un-powered cart mount. Allows installing the TC8XXX on carts with up to 2" diameter rail/bar and allows using the device on hands-free scanning mode.

Includes: TC8XXX Cart Holder (MNT-TC8X-CTPH-01), RAM Small Tough-Claw with 1" Diameter Ball (MNT-RAM-B400U), RAM Double Socket Arm (MNT-RAM-B201U) and RAM 2.5" Round Ball Base (MNT-RAM-B202U); required for installation.

MNT-RAM-B202U
RAM 2.5" Round Ball Base

MNT-RAM-B201U
RAM Double Socket Arm

MNT-RAM-B400U
RAM Small Tough-Claw with 1" Diameter Ball

The mount signals the TC8000 to activate the proximity sensor for hands-free presentation scanning.

The TC8000 senses that a box has been placed in front of it, using its proximity sensor, and activates the scan engine.

HANDS-FREE SCANNING

Simply pass box in front of the TC8000 and it will decode the barcode automatically. With the user's hands free, they can quickly move from box to box.

* Requires proximity sensor-equipped devices for hands-free scanning. Please see product configuration matrices

Step 5:
Choose additional mounting options

TC8XXX Other Mounting accessories

Forklift Mount – Standard (Available Q3, 2019)

MNT-TC8X-FH-01
TC8XXX Forklift Holder

MNT-TC8X-FHKT-01

Un-powered Forklift Mount Kit. Allows installing the TC8XXX on a roll bar or square surface of a forklift and allows to use the device on landscape or portrait mode.
Includes: Forklift Holder (MNT-TC8X-FH-01), Clamp Mount with 6" Pedestal Arm (3PTY-PCLIP-241478).

3PTY-PCLIP-241478
6" Pedestal Mount w/ 5.125 inch clamp

Step 5:
Choose additional mounting options

TC8000 Other Mounting accessories

Forklift Mount - Rotating

MNT-TC8X-FLCH-01
Forklift Holder for TC8000

MNT-TC8X-FMKT6-01

Un-powered Forklift Mount. Allows installing the TC8000 on a roll bar or square surface of a forklift and allows to use the device on landscape or portrait mode.
Includes: Forklift Holder (MNT-TC8X-FLCH-01), Clamp Mount (3PTY-PCLIP-215677) and 6" Pedestal Arm with 90° Offset (3PTY-PCLIP-215885).

MNT-TC8X-FMKT8-01

Un-powered Forklift Mount. Allows installing the TC8000 on a roll bar or square surface of a forklift and allows to use the device on landscape or portrait mode.
Includes: Forklift Holder (MNT-TC8X-FLCH-01), Clamp Mount (3PTY-PCLIP-215677) and 8" Pedestal Arm with 90° Offset (3PTY-PCLIP-215886).

3PTY-PCLIP-215885
6" Pedestal Mount
w/90° Offset

3PTY-PCLIP-215886
8" Pedestal Mount
w/90° Offset

3PTY-PCLIP-215677
Forklift Clamp Mount

Step 6:
Choose other accessories

Additional accessories

Hand Strap

SG-TC8X-HDSTP-01

Hand Strap, provides added safety against accidental drops of the device while on the move. Side loop accommodates a full sized stylus (SG-TC7X-STYLUS-03).

Stylus

SG-TC7X-STYLUS-03

Stylus with coiled tether 3-Pk. Made of conductive carbon-filled plastic material, optimized for enterprise durability.

Wrist Lanyard

50-12500-066

Wrist Lanyard. Convenient lanyard-style wrist strap allows for users to keep hands free to perform tasks and handle objects.

Screen Protector

MISC-TC8X-SCRN-01

Pack of 5 spare plastic guards for TC8000.

Desiccant Cartridge

MISC-TC8X-DSCNT-01

Field-replaceable desiccant cartridge for condensation resistant models