GRANIT™ ULTRA
ULTRA-RUGGED INDUSTRIAL SCANNER

Configuration Guide

QUAD CHARGER

CHARGE BASE

VEHICLE MOUNT

2100i
TETHERED

2105i
BLUETOOTH

THE
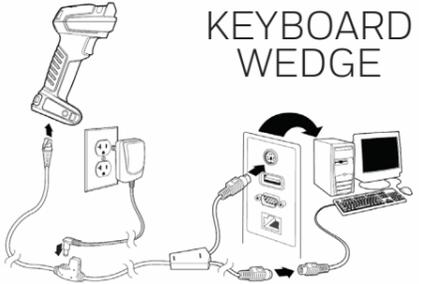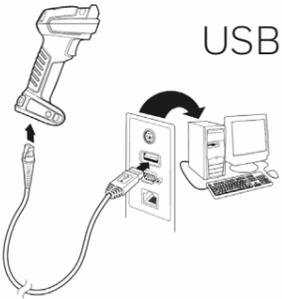FUTURE
IS
WHAT
WE
MAKE IT

Honeywell

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GRANIT™ ULTRA FEATURE OVERVIEW

Granit Ultra 2100i Tethered Scanner Configurations

	SR — STANDARD RANGE (SR) LED AIMER	**XR** — EXPANDED RANGE (XR) LASER AIMER (CLASS 2)	**XLR** — EXTREME LONG RANGE (XLR) LASER AIMER (CLASS 2)
Scanner Only	**2100iSR – Tethered**	**2100iXR – Tethered**	**2100iXLR – Tethered**
	2100iSR-3x	**2100iXR-3x**	**2100iXLR-3x**
	Granit Ultra Scanner-Only: Tethered, Rugged, 1D/2D, Standard Range, Vibrator, Red Scanner. Compatible with RS232/USB/KBW cables (not included)	Granit Ultra Scanner-Only: Tethered, Rugged, 1D/2D, FlexRange, Vibrator, Red Scanner. Compatible with RS232/USB/KBW cables (not included)	Granit Ultra Scanner-Only: Tethered, Rugged, 1D/2D, Extreme Long Range, Vibrator, Red Scanner. Compatible with RS232/USB/KBW cables (not included)
Scanner + USB Cable	**2100iSR – Tethered**	**2100iXR – Tethered**	**2100iXLR – Tethered**
CBL-500-300-S00	**2100iSR-3USBx**	**2100iXR-3USBx**	**2100iXLR-3USBx**
USB Type A 3m Straight	Granit Ultra USB Kit: Tethered, Rugged, 1D/2D, Standard Range, Vibrator, Red Scanner (2100iSR-3USB), USB Cable (CBL-500-300-S00)	Granit Ultra USB Kit: Tethered, Rugged, 1D/2D, FlexRange, Vibrator, Red Scanner (2100iXR-3USB), USB Cable (CBL-500-300-S00)	Granit Ultra USB Kit: Tethered, Rugged, 1D/2D, Extreme Long Range, Vibrator, Red Scanner (2100iXLR-3USB), USB Cable (CBL-500-300-S00)
Scanner + Serial Cable	**2100iSR – Tethered**	**2100iXR – Tethered**	**2100iXLR – Tethered**
CBL-020-300-C00 **CBL-020-300-C00-01**	**2100iSR-3SERx**	**2100iXR-3SERx**	**2100iXLR-3SERx**
Serial RS232, 5V, DB9 Female, Coiled, 3m cable	Granit Ultra RS232 Kit: Tethered, Rugged, 1D/2D, FlexRange, Vibrator, Red Scanner (2100iSR-3SER), RS232 Cable (CBL-020-300-C00)	Granit Ultra RS232 Kit: Tethered, Rugged, 1D/2D, FlexRange, Vibrator, Red Scanner (2100iXR-3SER), RS232 Cable (CBL-020-300-C00)	Granit Ultra RS232 Kit: Tethered, Rugged, 1D/2D, Extreme Long Range, Vibrator, Red Scanner (2100iXLR-3SER), RS232 Cable (CBL-020-300-C00-01)

Note: Not all scanner combinations are available in every region.
Check your local Price Book to see which part numbers are available for sale.

x = Regional SKU
A: APAC
I: India
E: Eurpean Union (EU)
J: Japan
G: TAA
N: North America
R: Rest Of World (ROW)

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GRANIT™ ULTRA FEATURE OVERVIEW

Granit Ultra 2105i Bluetooth Scanner

USB

SERIAL

KEYBOARD WEDGE
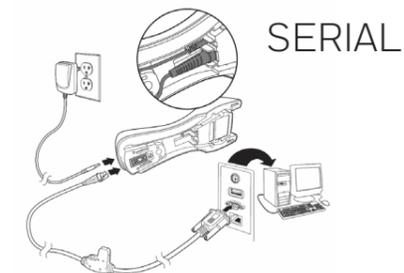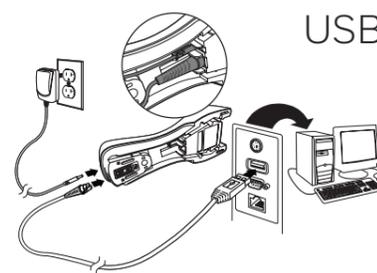
2105i Communications Charge Base (CCB) View

2105i Battery Door Detail View

2105i Angle View

2105i Bluetooth Status and Battery Icon View

Battery

BAT-SCN11
Smart Battery

MANUFACTURER INFORMATION	CHARGING	TEMPERATURE	CONDITION
SERIAL NUMBER 243520638	**BATTERY TIME TO FULL** Not Available	**MINIMUM TEMPERATURE** 19 °C	**HEALTH** 99 %
DATE OF MANUFACTURE 29/08/2024	**BATTERY TIME TO EMPTY** 1503 min	**MAXIMUM TEMPERATURE** 30 °C	**CHARGE CYCLES** 0
	CHARGER STATE Discharging	**CURRENT TEMPERATURE** 24 °C	**VOLTAGE** 4138 V
	BATTERY LEVEL 99 %		

Menu Command BTRINF can be used to retrieve the Smart Battery information.

GRANIT™ ULTRA FEATURE OVERVIEW

Granit Ultra 2105i Bluetooth Scanner to Computer

Use a Bluetooth Access Point to connect multiple scanners to a computer.

Allow up to 7 Bluetooth devices to connect simultaneously, and easy pairing via scanning the EZPairing LnkB barcode.

1

	PART NUMBER	DESCRIPTION
1	AP-100BT-07N	Access point for Granit Ultra, XP scanners. Class 1 Bluetooth, 100m, up to 7 Granit scanners can be connected (cables sold separately).

Granit Ultra 2105i Bluetooth Scanner to Tablet

When pairing with tablets or smart phones, use CCB23 base with BASLNK0 to avoid unwanted bluetooth pairing, when using the AC Power Supply for charging, charging will complete faster compared to using the USB cable.

2

1

Note: Charge Only mode can be enabled by using BASLNK0

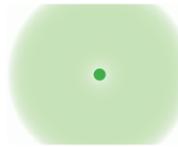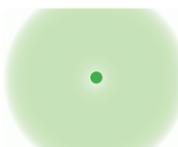|	PART NUMBER	DESCRIPTION
1	CCB23-100BT-07N	Base: Charge and Communication. Class 1 Bluetooth. 100m (300'), up to 3 scanners can be connected. Compatible with RS232/USB/KBW cables (sold separately).
2	PS-05-3000-W-U	Power Supply: Includes US, UK, ANZ,EU plugs, 3.0A @ 5.2VDC, 100-255VAC @ 50-60Hz

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GRANIT™ ULTRA FEATURE OVERVIEW

Granit Ultra 2105i Bluetooth Scanner Configurations

	STANDARD RANGE (SR) LED AIMER	EXPANDED RANGE (XR) LASER AIMER (CLASS 2)	EXTREME LONG RANGE (XLR) LASER AIMER (CLASS 2)
	SR	**XR**	**XLR**
Scanner Only	**2105iSR - Bluetooth**	**2105iXR - Bluetooth**	**2105iXLR - Bluetooth**
BAT-SCN11	**2105iSR-3-CLx**	**2105iXR-3-CLx**	**2105iXLR-3-CLx**
Battery	Granit Ultra Scanner-Only: Bluetooth, Rugged, 1D/2D, Standard Range, Vibrator, Contact Charging, Red Scanner, Battery (BAT-SCN11).	Granit Ultra Scanner-Only: Bluetooth, Rugged, 1D/2D, FlexRange, Vibrator, Contact Charging, Red Scanner, Battery (BAT-SCN11).	Granit Ultra Scanner-Only: Bluetooth, Rugged, 1D/2D, Extreme Long Range, Vibrator, Contact Charging, Red Scanner, Battery (BAT-SCN11).
Scanner + USB Cable	**2105iSR - Bluetooth**	**2105iXR - Bluetooth**	**2105iXLR - Bluetooth**
CBL-500-300-S00	**2105iSR-3USB-CLHx**	**2105iXR-3USB-CLHx**	**2105iXLR-3USB-CLHx**
USB Type A 3m Straight	Granit Ultra USB Kit: Bluetooth, Rugged, 1D/2D, Standard Range, Vibrator, Contact Charging, Red Scanner (2105iSR-3USB-CL), Battery (BAT-SCN11), USB Cable (CBL-500-300-S00), Horizontal Base (CCB23-100BT-07N).	Granit Ultra USB Kit: Bluetooth, Rugged, 1D/2D, FlexRange, Vibrator, Contact Charging, Red Scanner (2105iXR-3USB-CL), Battery (BAT-SCN11), USB Cable (CBL-500-300-S00), Horizontal Base (CCB23-100BT-07N).	Granit Ultra USB Kit: Bluetooth, Rugged, 1D/2D, Extreme Long Range, Vibrator, Contact Charging, Red Scanner (2105iXLR-3USB-CL), Battery (BAT-SCN11), USB Cable (CBL-500-300-S00), Horizontal Base (CCB23-100BT-07N).
Scanner + Serial Cable	**2105iSR - Bluetooth**	**2105iXR - Bluetooth**	**2105iXLR - Bluetooth**
CBL-020-300-C00	**2105iSR-3SER-CLHx**	**2105iXR-3SER-CLHx**	**2105iXLR-3SER-CLHx**
Serial RS232, 5V, DB9 Female, Coiled, 3m cable	Granit Ultra RS232 Kit: Bluetooth, Rugged, 1D/2D, Standard Range, Vibrator, Contact Charging, Red Scanner (2105iXR-3SER-CL), Battery (BAT-SCN11), RS232 Cable (CBL-020-300-C00), Horizontal Base (CCB23-100BT-07N)	Granit Ultra RS232 Kit: Bluetooth, Rugged, 1D/2D, FlexRange, Vibrator, Contact Charging, Red Scanner (2105iXR-3SER-CL), Battery (BAT-SCN11), RS232 Cable (CBL-020-300-C00), Horizontal Base (CCB23-100BT-07N)	Granit Ultra RS232 Kit: Bluetooth, Rugged, 1D/2D, Extreme Long Range, Vibrator, Contact Charging, Red Scanner (2105iXLR-3SER-CL), Battery (BAT-SCN11), RS232 Cable (CBL-020-300-C00), Horizontal Base (CCB23-100BT-07N)

Note: Not all scanner combinations are available in every region.
Check your local Price Book to see which part numbers are available for sale.

x = Regional SKU
A: APAC
I: India

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J: Japan

G: TAA
N: North America

R: Rest Of World (ROW)

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GRANIT™ ULTRA CONFIGURATION MAP

2100i Tethered Industrial Scanner

SCAN ENGINE	COLOR	KIT	REGION	DESCRIPTION	NOTES
2100i					
SR				1D/2D Imager – Standard Range	
XR				1D/2D Imager – FlexRange™	
XLR				1D/2D Imager – Extreme Long Range	
-					
	3			Red Scanner	
	SER			Serial Cable Kit	
	USB			USB Cable Kit	
		-			
		A		Asia	China and APAC
		E		Europe	
		G		TAA	
		I		India	
		J		Japan	
		N		North America and LATAM	Canada, LATAM and USA
		R		Rest of World	Australia, Brazil, Middle East, New Zealand, Russia

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GRANIT™ ULTRA CONFIGURATION MAP

2105i Bluetooth Industrial Scanner

SCAN ENGINE	COLOR	KIT	CHARGING	BATTERY	BASE	REGION	DESCRIPTION	NOTES
2105i								
SR							1D/2D Imager – Standard Range	
XR							1D/2D Imager – FlexRange™	
XLR							1D/2D Imager – Extreme Long Range	
-								
	3						Red Scanner	
	SER						Serial Cable Kit	
	USB						USB Cable Kit	
		-						
		C					Contact Charging	
			L				Lithium-ion battery	
				H			Horizontal base	
					A		Asia	China and APAC
					E		Europe	
					G		TAA	
					I		India	
					J		Japan	
					N		North America and LATAM	Canada, LATAM and USA
					R		Rest of World	Australia, Brazil, Middle East, New Zealand, Russia

HONEYWELL EDGE SERVICES

2100i/ 2105i – Repair Services

Honeywell Edge Services give you the confidence of having leading-class technologies combined with service and support plans that are designed to keep you operational for longer.

For a full description of maintenance services, including terms and conditions, please see **https://automation.honeywell.com/us/en/services/productivity-solutions/support-services/maintenance-services**

Gold Repair Services – 3 Year

The Edge Services Gold Support contract allows flexibility for you to select the right coverage for your organization, including 5-Day Depot Repairs and:

Service Overview

- Repair or replacement (at Honeywell discretion) for damaged components, wear and tear, accidental damage
- Flexibility to add any Add-On Service

PART NUMBER	DESCRIPTION
SVC2100i-SG3N	2100i, Edge Service, GOLD Maintenance Contract, 5 Day Turnaround, **3 Year,** New Contract
SVC2105i-SG3N	2105i, Edge Service, GOLD Maintenance Contract, 5 Day Turnaround, **3 Year,** New Contract

Add-On Accessory Replacement Service

Provides replacement chargers, docks, charging cables, or scan handles should they be damaged or stop working.

ADD	SVCACC-SCN3	AddOn, Edge Service, Accessory Service , Scanner, **3 Year.** Service covers power supplies, chargers and cables.

Add-On Battery Replacement Service

Provides replacement batteries as needed after a minimum of 18 months post-purchase.

ADD	SVCBATTERY-SCN3	AddOn, Edge Service, Battery Service, Scanner, **3 Year**, 1 Replacement Battery over life of the contract.

Add-On Device Replacement Service

Replacement devices should a device be damaged beyond repair.

ADD	SVCREPLACE-SCN3	AddOn, Edge Service, Device Replacement, Scanner, **3 Year**

Add-On Spare Management Service

Manages every aspect of your spare pool.

ADD	SVCSPAREMGMT-SCN3	AddOn, Edge Service, Advanced Exchange, Scanner, **3 Year**. Customer owned spare pool, Minimum Purchase required, contact your local Honeywell Service Representative for more information.

Add-On 2-Day Turnaround Depot Upgrade

Upgrade your Gold Maintenance Contract from 5-Day to 2-Day turnaround at the repair depot.

ADD	SVC2DAYDEPOT-SCN3	AddOn, Edge Service, 2-Day Depot Upgrade, **3-Year** Agreement, Requires purchase of a **3 Year** Gold Maintenance Contract.

Platinum Repair Services – 3 Year

The Edge Services Platinum Support contract offers 2-Day Depot Repairs or Spare Pool Management with 3 year contract that includes:

Service Overview

- Repair or replacement of damaged components
- SVCREPLACE-SCN3 - Replacement devices should a device be damaged beyond repair
- SVCACC-SCN3 - Accessory replacement service
- SVCBATTERY-SCN3 – Battery replacement service
- SVCSPAREMGMT-SCN3 - Spare pool management (optional, minimum quantity required)
- Telephone-based technical support

PART NUMBER	DESCRIPTION
SVC2100i-SP3N	2100i, Edge Service, PLATINUM Maintenance Contract, 1 Day Turnaround, **3 Year,** New Contract
SVC2105i-SP3N	2105i, Edge Service, PLATINUM Maintenance Contract, 1 Day Turnaround, **3 Year,** New Contract

HONEYWELL EDGE SERVICES

2100i/ 2105i – Repair Services

Honeywell Edge Services give you the confidence of having leading-class technologies combined with service and support plans that are designed to keep you operational for longer.
For a full description of maintenance services, including terms and conditions, please see **https://automation.honeywell.com/us/en/services/productivity-solutions/support-services/maintenance-services**

Gold Repair Services – 5 Year

The Edge Services Gold Support contract allows flexibility for you to select the right coverage for your organization, including 5-Day Depot Repairs and:

Service Overview

- Repair or replacement (at Honeywell discretion) for damaged components, wear and tear, accidental damage
- Flexibility to add any Add-On Service

PART NUMBER	DESCRIPTION
SVC2100i-SG5N	2100i, Edge Service, GOLD Maintenance Contract, 5 Day Turnaround, **5 Year,** New Contract
SVC2105i-SG5N	2105i, Edge Service, GOLD Maintenance Contract, 5 Day Turnaround, **5 Year,** New Contract

Add-On Accessory Replacement Service

Provides replacement chargers, docks, charging cables, or scan handles should they be damaged or stop working.

ADD	SVCACC-SCN5	AddOn, Edge Service, Accessory Service , Scanner, **5 Year.** Service covers power supplies, chargers and cables.

Add-On Battery Replacement Service

Provides replacement batteries as needed after a minimum of 18 months post-purchase.

ADD	SVCBATTERY-SCN5	AddOn, Edge Service, Battery Service, Scanner, **5 Year**, 2 Replacement Batteries over life of the contract.

Add-On Device Replacement Service

Replacement devices should a device be damaged beyond repair.

ADD	SVCREPLACE-SCN5	AddOn, Edge Service, Device Replacement, Scanner, **5 Year**

Add-On Spare Management Service

Manages every aspect of your spare pool.

ADD	SVCSPAREMGMT-SCN5	AddOn, Edge Service, Advanced Exchange, Scanner, **5 Year**. Customer owned spare pool, Minimum Purchase required, contact your local Honeywell Service Representative for more information.

Add-On 2-Day Turnaround Depot Upgrade

Upgrade your Gold Maintenance Contract from 5-Day to 2-Day turnaround at the repair depot.

ADD	SVC2DAYDEPOT-SCN5	AddOn, Edge Service, 2-Day Depot Upgrade, **5-Year** Agreement, Requires purchase of a **5 Year** Gold Maintenance Contract.

Platinum Repair Services – 5 Year

The Edge Services Platinum Support contract offers 2-Day Depot Repairs or Spare Pool Management with 5 year contract that includes:

Service Overview

- Repair or replacement of damaged components
- SVCREPLACE-SCN5 - Replacement devices should a device be damaged beyond repair
- SVCACC-SCN5 - Accessory replacement service
- SVCBATTERY-SCN5 – Battery replacement service
- SVCSPAREMGMT-SCN5 - Spare pool management (optional, minimum quantity required)
- Telephone-based technical support

PART NUMBER	DESCRIPTION
SVC2100i-SP5N	2100i, Edge Service, PLATINUM Maintenance Contract, 1 Day Turnaround, **5 Year,** New Contract
SVC2105i-SP5N	2105i, Edge Service, PLATINUM Maintenance Contract, 1 Day Turnaround, **5 Year,** New Contract

HONEYWELL REPAIR SERVICES

2100i/ 2105i – Repair Services Coverage

Service options tailored to customer requirements

BASIC

2100i

2105i

Warranty Cover Against
Product Defect

GOLD

Gold Coverage:
- Accidental Damage
- Wear & Tear

Flexible GOLD Add-Ons ordered separately
- SVCACC-SCN5   Accessories

- SVCBATTERY-SCN5   Batteries

- SVCREPLACE-SCN5   Device Replacement
- SVCSPAREMGMT-SCN5   Advanced Exchange

PLATINUM

Platinum Coverage
- Battery Replacement
- Coverage for Docks/ Chargers

Cables

Battery
(3 Year – 1 replacement battery per 2105i)
(5 Year – 2 replacement batteries per 2105i)

- Accidental Damage
- Device Replacement
- Wear & Tear

Charge Bases

Dock Power Supplies

MODEL	COVERAGE		PART NUMBER	DESCRIPTION
2105i	**BASIC**		SVC2105i-EXW5	2105i & Base, BASIC, 10-15 Day Turnaround, 5 Years (3 Year Factory Warranty + 2 Year extended) (10 unit minimum)
2100i	**GOLD**		SVC2100i-SG5N	2100i, Edge Service, GOLD Maintenance Contract, 5 Day Turnaround, 5 Year, New Contract
2105i	**GOLD**		SVC2105i-SG5N	2105i, Edge Service, GOLD Maintenance Contract, 5 Day Turnaround, 5 Year, New Contract
		ADD	SVCACC-SCN5	AddOn, Edge Service, Accessory Service , Scanner, 5 Year. Service covers power supplies, chargers and cables.
		ADD	SVCBATTERY-SCN5	AddOn, Edge Service, Battery Service, Scanner, 5 Year, 2 Replacement Battery over life of contract
		ADD	SVCREPLACE-SCN5	AddOn, Edge Service, Device Replacement, Scanner, 5 Year
		ADD	SVCSPAREMGMT-SCN5	AddOn, Edge Service, Advanced Exchange, Scanner, 5 Year. Customer owned spare pool, Minimum Purchase required.
2100i	**PLATINUM**		SVC2100i-SP5N	2100i, Edge Service, PLATINUM Maintenance Contract, 1 Day Turnaround, 5 Year, New Contract
2105i	**PLATINUM**		SVC2105i-SP5N	2105i, Edge Service, PLATINUM Maintenance Contract, 1 Day Turnaround, 5 Year, New Contract

GRANIT™ ULTRA 2105i CHARGING

Option 1 – Communications Charge Base with Power Supply

Charge the Granit Ultra 2105i battery whilst installed in the scanner, using the standard power supply.

Note: Charge Only
mode can be enabled
by using BASLNK0

	PART NUMBER	DESCRIPTION
1	CCB23-100BT-07N	Base: Charge and Communication. Class 1 Bluetooth. 100m (300'), up to 3 scanners can be connected. Compatible with RS232/USB/KBW cables (sold separately).
2	PS-05-3000-W-U	Power Supply: Includes US, UK, ANZ,EU plugs, 3.0A @ 5.2VDC, 100-255VAC @ 50-60Hz

Option 2 – Communications Charge Base with USB Cable

Charge the Granit Ultra 2105i battery whilst installed in the scanner, using a USB charger.

Note: USB or External
Power mode can be enabled
by using BASCHG3

	PART NUMBER	DESCRIPTION
1	CCB23-100BT-07N	Base: Charge and Communication. Class 1 Bluetooth. 100m (300'), up to 3 scanners can be connected. Compatible with RS232/USB/KBW cables (sold separately).
2	CBL-500-300-S00	Cable: USB, black, Type A, 3m (9.8´), straight, 5V host power, w/o ferrite
3	50136024-001	KIT,5V/2A PS,5 PLUGS PACKED, ROW Includes US,UK,AU,EU,IN adapters

GRANIT™ ULTRA 2105i CHARGING

Option 3 – Quad Battery Charger

Charge up to 4 batteries simultaneously

Supports Batteries: BAT-SCN11 Smart battery for Xenon™ Ultra 1962 and Granit™ Ultra 2105i (3380mAh)

Batteries not included.

Not compatible with: BAT-SCN05   Smart Battery: Lithium-ion battery for Granit XP 1991i

BAT-SCN01   Battery: Lithium-ion battery for Granit 1911i, Granit 1981i

BAT-SCN01A Battery: Lithium-ion battery for Granit 1911i, Granit 1981i

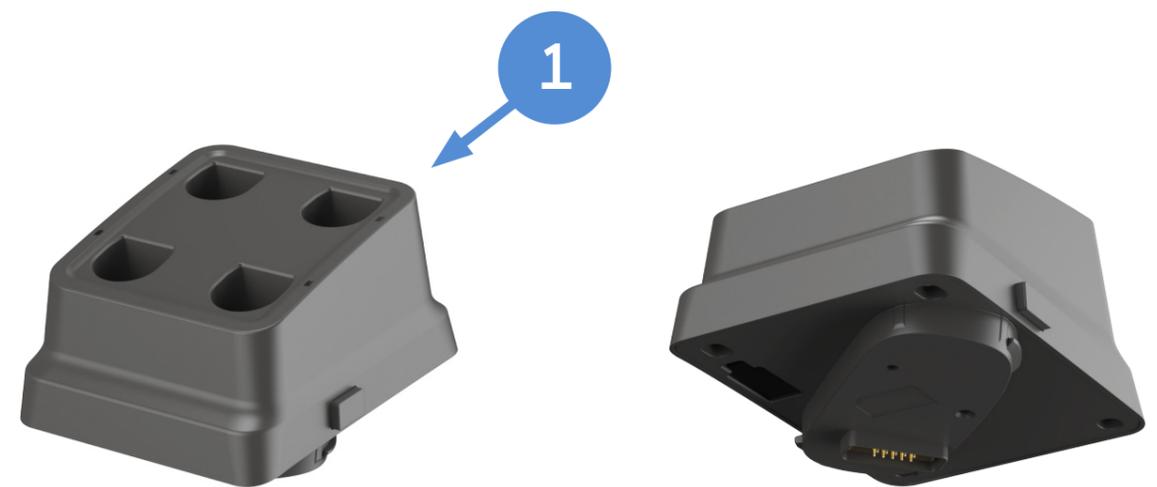|	PART NUMBER	DESCRIPTION
1	MB4-BAT-SCN11	Quad Battery Charger - Kit includes (BAT-SCN11-CUP), Dock and Power Supply, No Power Cord
2	BAT-SCN11	Smart battery: Lithium-ion battery for Xenon™ Ultra 1962 and and Granit™ Ultra 2105i scanners
3	**	IEC C13 AC Power Cord – See Page 25 for Country Specific Power Cords

Universal Battery Cup

Compatible with 5-Bay bases:

CK62-5CB-UVN-BAT-0   CK62-5CB-UVB-BAT-0

CK67-5CB-UVN-BAT-0   CK67-5CB-UVB-BAT-0   CK67-5CB-UVB-0

5CB-UVX-0

Quad Battery Charger

CT30P-QBC-0   CT37-QBC-0

	PART NUMBER	DESCRIPTION
1	BAT-SCN11-CUP	Granit battery universal cup. Kit includes a cup to be used for up to 4 pieces of Granit Ultra batteries

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GRANIT™ ULTRA 2105i VEHICLE INSTALL

Powered Vehicle Holder – Detail View

VMHOLDER5K   Granit Ultra 2105i CCB Vehicle Mount Kit, kit includes Plate, Screws
805-813-001   RAM, MOUNTING KIT, SIZE "C", 1.5 inch BALLS, 5.5 inch MOUNTING ARM

Kit View

No ball mount   **C-size ball**   **D-size ball**
                          (Recommended)

Rear Mounting View

Angle View C-size ball   **Side Mounting View - C-size ball**

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GRANIT™ ULTRA 2105i VEHICLE INSTALL

Option 1 – Fixed Vehicle Install with Direct Connection to CK67 Vehicle Dock

Use with CK67 Powered Vehicle Dock to provide extra long scanning from a forklift without having to remove the CK67 mobile computer.

CK67 / CK65 / CK71 / CK75 / CN80 / CV31 CUSTOM USB				
CBL-015-250-C00	CABLE, USB, DB15 FEMALE 5V, INDUSTRIAL	2.5m	COILED	Connect direct to the CK65 / CK67 Vehicle Dock DB15 USB Port

DB15F Connector

Note: This cable only supports USB Keyboard (PC) interface.

Note: Vehicle Dock must have external power connected for USB port to be active.
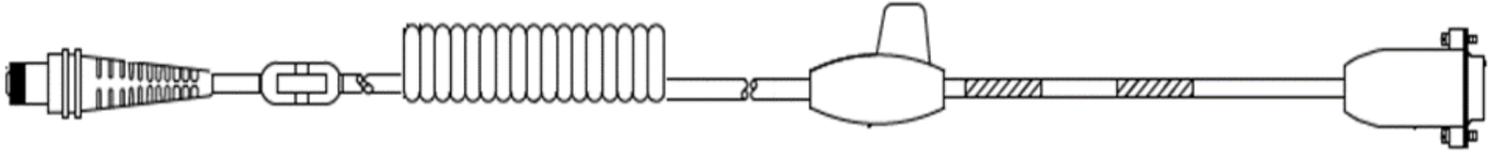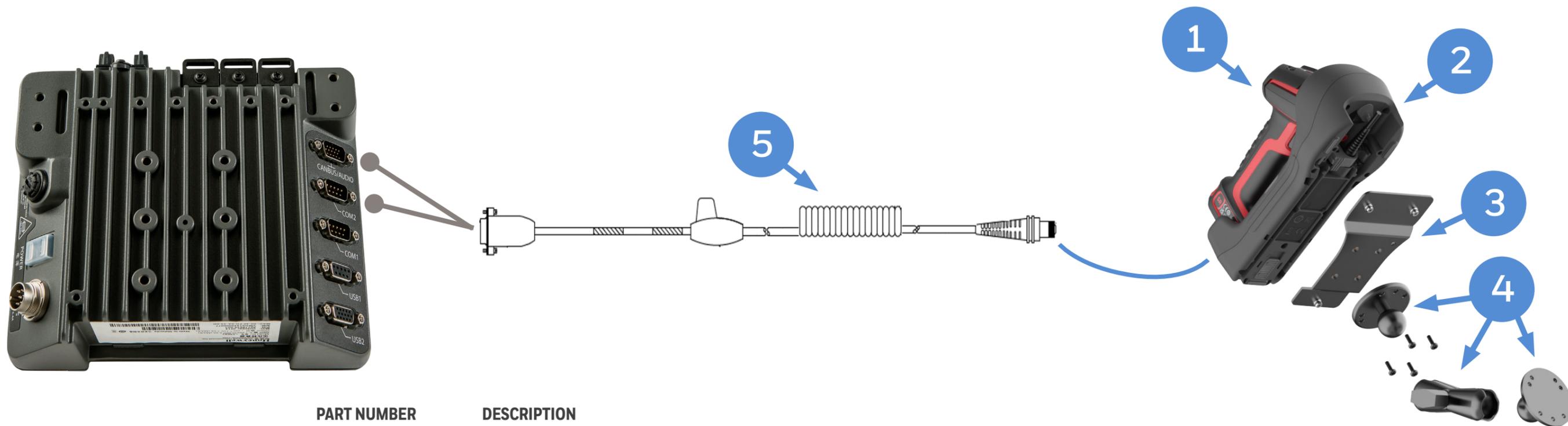
	PART NUMBER	DESCRIPTION
1	2105iXLR-3-CLx	Granit Ultra Scanner-Only: Bluetooth, Rugged, 1D/2D, FlexRange XLR,Vibrator, Contact Charging, Red Scanner, Battery (BAT-SCN11).
2	CCB23-100BT-07N	Base: Charge and Communication. Class 1 Bluetooth. 100m (300'), up to 3 scannerscan be connected. Compatible with RS232/USB/KBW cables (sold separately).
3	VMHOLDER5K	Granit Ultra 2105i CCB Vehicle Mount Kit, kit includes Plate, Screws
4	805-813-001	RAM, MOUNTING KIT, SIZE "C", 1.5 inch BALLS, 5.5 inch MOUNTING ARM
5	CBL-015-250-C00	CABLE, USB, DB15 FEMALE 5V, INDUSTRIAL

GRANIT™ ULTRA 2105i VEHICLE INSTALL

Option 2 – Fixed Vehicle Install with Direct Connection to VM1A/VM3A Quick Mount Dock

Use with VM1A/VM3A to provide extra long scanning from a forklift, this provides serial communications and charging for the 2105i scanner via the Charge Base.

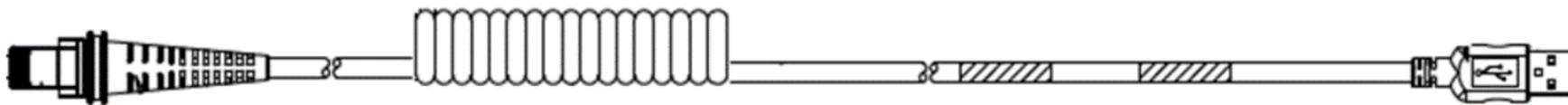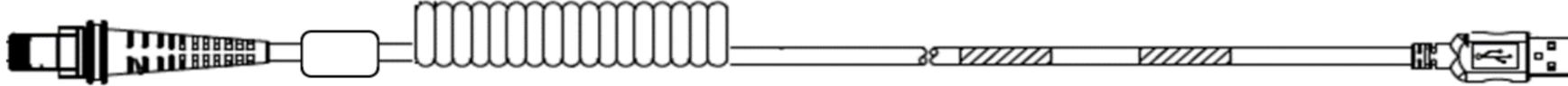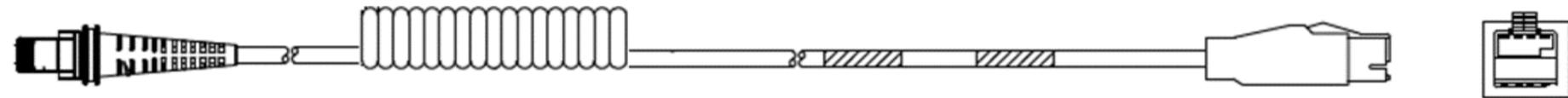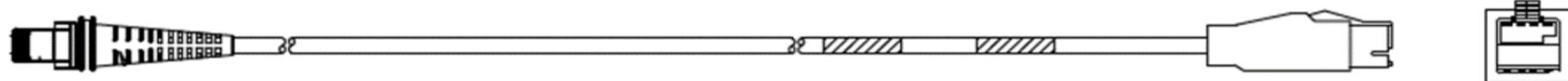| SERIAL	PART NUMBER	DESCRIPTION	LENGTH	TYPE	NOTES
	CBL-020-300-C00-01	Cable - Industrial: RS232 (5V signals), black, DB9 Female, 3m (9.8´), coiled, 5V external power with option for host power on pin 9, without ferrite	3m	COILED	Industrial USB cable for freezer environments
	CBL-020-300-C00-02	Cable - Industrial: RS232 (5V signals), black, DB9 Female, 3 m (9.8´), coiled, 5V external power with option for host power on pin 9, with ferrite	3m	COILED	Industrial Serial cable for freezer environments

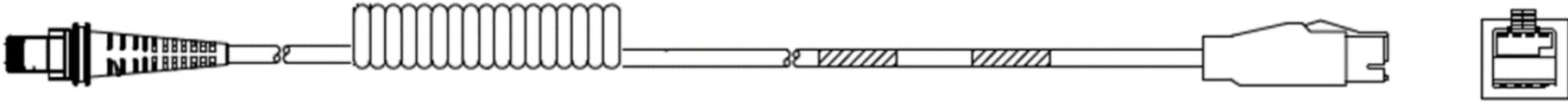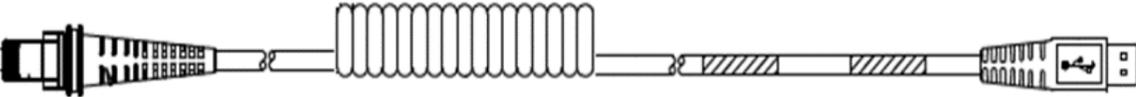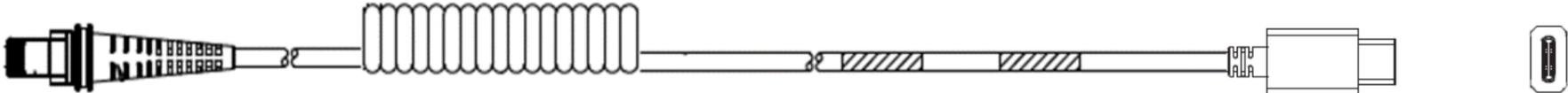|	PART NUMBER	DESCRIPTION
1	2105iXLR-3-CLx	Granit Ultra Scanner-Only: Bluetooth, Rugged, 1D/2D, FlexRange XLR,Vibrator, Contact Charging, Red Scanner, Battery (BAT-SCN11).
2	CCB23-100BT-07N	Base: Charge and Communication. Class 1 Bluetooth. 100m (300'), up to 3 scannerscan be connected. Compatible with RS232/USB/KBW cables (sold separately).
3	VMHOLDER5K	Granit Ultra 2105i CCB Vehicle Mount Kit, kit includes Plate, Screws
4	805-813-001	RAM, MOUNTING KIT, SIZE "C", 1.5 inch BALLS, 5.5 inch MOUNTING ARM
5	CBL-020-300-C00-01	Cable - Industrial: RS232 (5V signals), black, DB9 Female, 3m (9.8´), coiled, 5V external power with option for host power on pin 9, without ferrite

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Granit Ultra Cable Options – USB

Cable Types

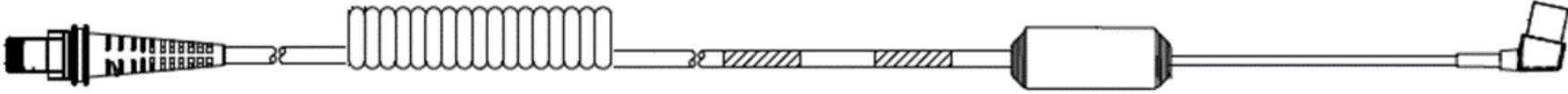| USB	PART NUMBER	DESCRIPTION	LENGTH	TYPE	NOTES
	CBL-500-300-S00-01	Cable: USB, black, Type A, 3m (9.8'), straight, 5v host power, industrial grade, w/o ferrite	3m	STRAIGHT	
	CBL-500-500-S00	Cable: USB, black, Type A, 5m (16.4´), straight, 5V host power	5m	STRAIGHT	
	CBL-500-300-C00	Cable: USB, black, Type A, 3m (9.8´), coiled, 5V host power	3m	COILED	
	CBL-500-300-C00-07	Cable: USB, black, Type A, 3m (9.8´), coiled, 5V host power, Industrial	3m	COILED	Industrial USB cable for freezer environments
	CBL-500-500-C00	Cable: USB, black, Type A, 5m (16.4´), coiled, 5V host power	5m	COILED	
	CBL-503-300-C00	Cable: USB, black, 12V locking, 3m (9.8´), coiled, 5V host power	3m	COILED	
	CBL-503-300-S00	Cable: USB, black, 12V locking, 3m (9.8´), straight, 5V host power	3m	STRAIGHT	

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Granit Ultra Cable Options – USB

Cable Types

USB	PART NUMBER	DESCRIPTION	LENGTH	TYPE	NOTES
	CBL-503-500-C00	Cable: USB, black, 12V locking, 5m (16.4´), coiled, 5V host power	5m	COILED	
	CBL-500-200-C00	CABLE, USB TYPE A HSM 5V, COILED 2M (6.6´)	2m	COILED	
	CBL-800-300-C00	Cable: USB, Type C, 3M, Coiled, 5V host power	3m	COILED	USB Type C Connector
	CBL-500-300-C00-02	Cable: USB, black, Type A, 3m (9.8ª), coiled, 5V host power, right angle	3m	COILED	Right Angle Connector

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Granit Ultra Cable Options – Serial

Cable Types

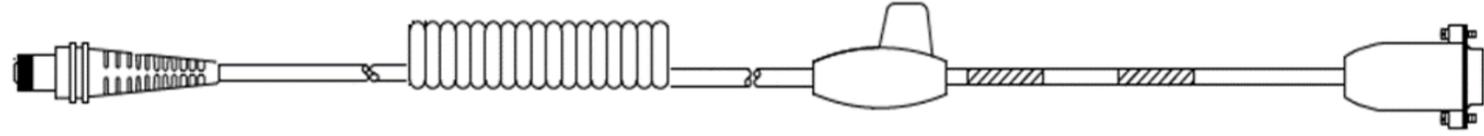| SERIAL	PART NUMBER	DESCRIPTION	LENGTH	TYPE	NOTES
	CBL-020-300-C00-01	Cable - Industrial: RS232 (5V signals), black, DB9 Female, 3m (9.8´), coiled, 5V external power with option for host power on pin 9, without ferrite	3m	COILED	Industrial Serial cable for freezer environments
	CBL-020-300-C00-02	Cable - Industrial: RS232 (5V signals), black, DB9 Female, 3 m (9.8´), coiled, 5V external power with option for host power on pin 9, with ferrite	3m	COILED	Industrial Serial cable for freezer environments
	CBL-120-300-C00	Cable: RS232C (+/-12V signals), black, DB9 Female, 3m (9.8´), coiled, 5V external power with option for host power on pin 9	3m	COILED	
	CBL-220-300-C00	Cable: RS232 (+5V signals), black, DB9 Male, 3m (9.8´), coiled, external power with option for host power on pin 9 for connection to Wincor Beetle	3m	COILED	
	CBL-320-300-C00	Cable: RS232 (+/-12V signals), black, DB9 Male, 3m (9.8´), coiled, external power with option for host power on pin 9	3m	COILED	
	CBL-420-300-C00	Cable: RS232 (5V signals), Honeywell Bioptic Stratos Aux, black, 10 pin modular, 3m (9.8´), coiled, host power possible (dependent upon scanner and Stratos models)	3m	COILED	
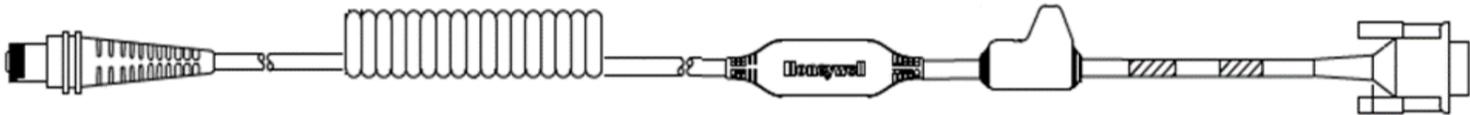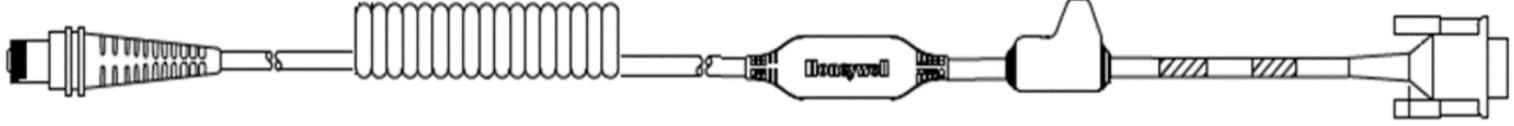
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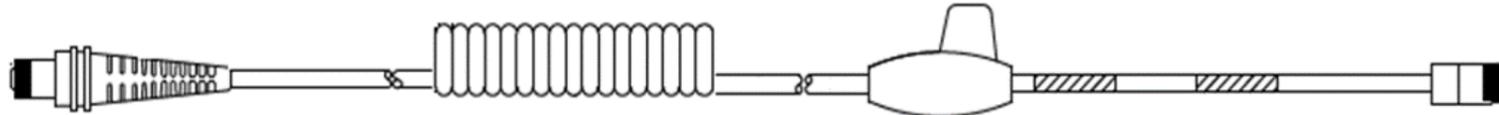
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Granit Ultra Cable Options – Serial / Keyboard Wedge

Cable Types

SERIAL	PART NUMBER	DESCRIPTION	LENGTH	TYPE	NOTES
	CBL-431-300-S00	Cable: RS232 (+/-12V signals), Verifone Ruby, Sapphire and Topaz Terminals, black, 8 pin modular; straight, host power on pin 8		STRAIGHT	
	CBL-GIL-300-S00-02	Cable: RS232 (5V signals), Gilbarco terminal, black, DB9 Female, 3m (9.8´), straight	3m	STRAIGHT	
	CBL-801-370-C00	Cable, RS232, Granit to Vocollect Talkman, Host 5V power only, **3.7m**, Coiled, w/o ferrite.	3.7m	COILED	Connects to Vocollect A720 or A720X via Serial
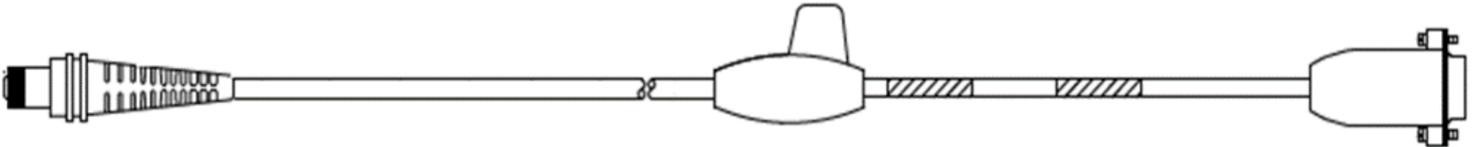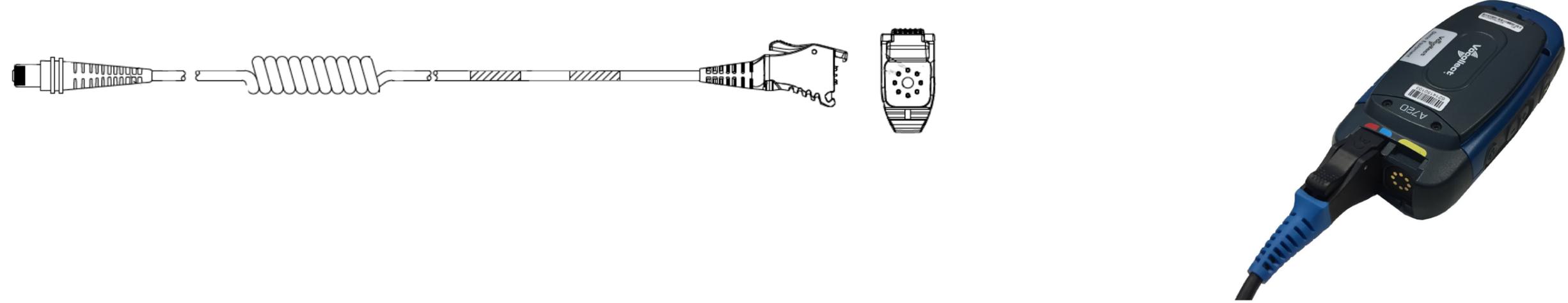
KEYBOARD WEDGE	PART NUMBER	DESCRIPTION	LENGTH	TYPE	NOTES
	CBL-720-300-C00	Cable: KBW, black, PS2, 3m (9.8´), coiled, 5 V external power with option for host power	3m	COILED	
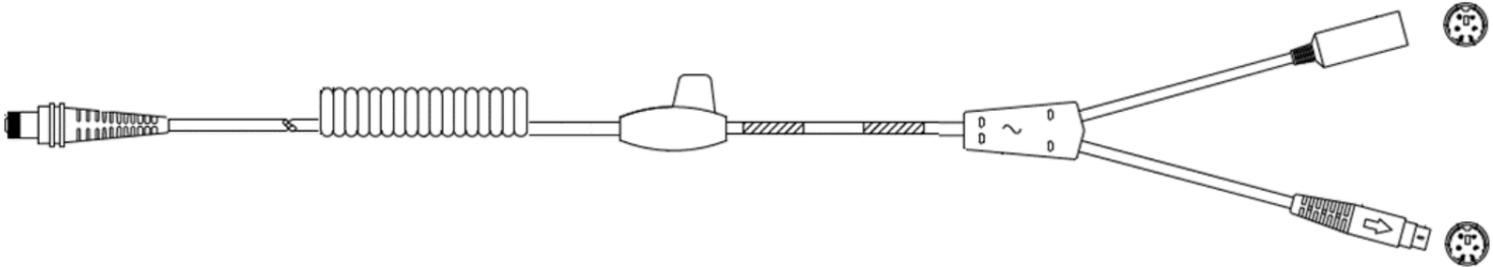
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Optional Parts

PART NUMBER	DESCRIPTION
CCB23-100BT-07N	Base: Charge and Communication. Class 1 Bluetooth. 100m (300'), up to 3 scanners can be connected. Compatible with RS232/USB/KBW cables (sold separately).

PART NUMBER	DESCRIPTION
PS-05-3000-W-U	Power Supply: Includes US, UK, ANZ,EU plugs, 3.0A @ 5.2VDC, 100-255VAC @ 50-60Hz

PART NUMBER	DESCRIPTION
BAT-SCN11	Smart battery: Lithium-ion battery for Xenon™ Ultra 1962 Bluetooth® scanners

PART NUMBER	DESCRIPTION
AP-100BT-07N	Bluetooth Access point for Granit Ultra, XP and Granit 1981i scanners. Class 1 Bluetooth, 100m, up to 7 Granit scanners can be connected (cables sold separately).

PART NUMBER	DESCRIPTION
199XIORING	O-ring for IP sealing with Granit Ultra and Granit XP scanner cables. Pack of 10.

PART NUMBER	DESCRIPTION
PSORING	O-ring for IP65 sealing with Granit Ultra power adapter (5V 3A) cables. Pack of 10.

PART NUMBER	DESCRIPTION
199XILNYRDPLT	Replacement metal lanyard plate for connection to tool balancer. Compatible with Granit Ultra 210Xi and XP 199Xi models. Pack of 1.

PART NUMBER	DESCRIPTION
CCB23ORING	Cordless IP65 O-Ring O-ring for IP65 sealing with Granit Ultra base cables. Pack of 10.

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Optional Parts

PART NUMBER	DESCRIPTION
VMHOLDER2K	Vehicle Mount Cup: Contains vehicle mount Granit scanner cup with 1 inch ('B' Size) diameter ball joint attachment. Recommended for use with VMHOLDER3K (mounting arm with round attachment plate) or VMHOLDER4K (mounting arm with vehicle clamp), not included.

PART NUMBER	DESCRIPTION
VMHOLDER3K	Vehicle mount kit: Contains adjustable arm with 1 inch ('B' Size) diameter ball joints and circular mounting plate. Recommended for use with VMHOLDER 2K cup (not included).

PART NUMBER	DESCRIPTION
VMHOLDER4K	Vehicle mount kit: Contains adjustable arm with 1 inch ('B' Size) diameter ball joints and square post clamp base for posts up to 3 in. wide. Recommended for use with VMHOLDER 2K cup (not included).

VMHOLDER2K and VMHOLDER3K
Front and Rear views

VMHOLDER2K and VMHOLDER4K
Front and Rear views

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Optional Parts

PART NUMBER	DESCRIPTION
2105IENDCAP	Cordless Granit Ultra end cap (battery door) for 2105i models. One per pack.

PART NUMBER	DESCRIPTION
STND-33F00-012-4	Stand: gray, 33cm (13") height, flexible rod, weighted base, Granit cup

PART NUMBER	DESCRIPTION
HOLDER-010-U	Holder Kit: Plastic bracket facilitates mounting of scanner to wall; two mounting screws included in kit.

PART NUMBER	DESCRIPTION
TOOLBAL	Tool Balancer Suspension reel commonly used for scanner mounting/ retention on vehicles and in fixed locations.

PART NUMBER	DESCRIPTION
HOLSTER-INDUSTRIAL	Holster Securely holds Granit and Granit XP scanners, leaving hands free to accomplish tasks

PART NUMBER	DESCRIPTION
520-24-H3	Scanner heater to prevent fogging in freezer operations. Includes cable retractor. For use with **24V** power. Configured for Granit (XP and legacy) scanner compatibility.
520-36/48-H3	Scanner heater to prevent fogging in freezer operations. Includes cable retractor. For use with **36-48V** power. Configured for Granit (XP and legacy) scanner compatibility.

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Optional Parts

Power Supply for Granit Charge Base
CCB23-100BT-07N

Power Supply for Serial Cable
CBL-020-300-C00-01

50122315-001	50122316-001	50122317-001	50122318-001
US Plug	UK Plug	ANZ Plug	EU Plug
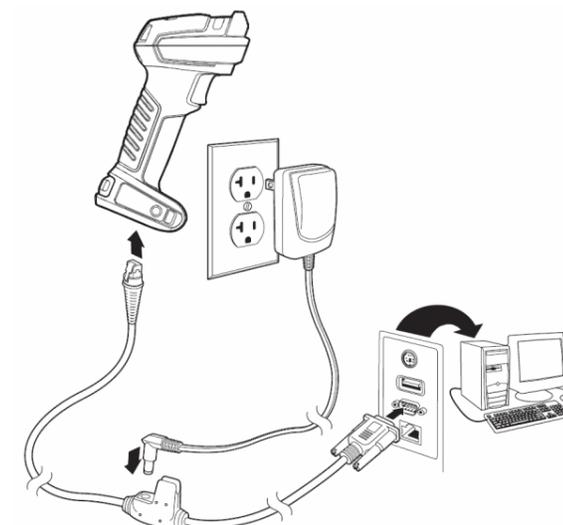
PART NUMBER	DESCRIPTION
PS-05-3000-W-U	Power Supply: Includes US, UK, ANZ,EU plugs, 3.0A @ 5.2VDC, 100-255VAC @ 50-60Hz
	To be used with CCB23-100BT-07N

PART NUMBER	DESCRIPTION
46-00525	NA Power Supply: 1.0A @ 5.2VDC, 90-255VAC @ 50-60Hz
46-00526	EU Power Supply: 1.0A @ 5.2VDC, 90-255VAC @ 50-60Hz
46-00528	ANZ Power Supply: 1.0A @ 5.2VDC, 90-255VAC @ 50-60Hz

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Optional Parts

Replacement Power Supplies.

IEC C14

PART NUMBER	DESCRIPTION
50121666-001	Power Adapter,12V 3A, No Power Cord, Compatible with CT40 Homebase / eHomebase / Quad Battery Charger (Requires IEC C13 AC Power Cord)

AC Cords

Regional Power Cords

AC Power – C13 Type Connector

PART NUMBER	TYPE	DESCRIPTION
50117501-001	C13	POWER CORD AUSTRALIA 2500MM,SLED CB
321-501-002	C13	AC Power Cord, Denmark RoHS
77900508E	C13	Cable: power cord, straight, Power cord, Europe EU, IEC320-C13, 2.5 m (8.2 ft)
321-502-002	C13	AC Power Cord, India/South Africa RoHS
321-500-002	C13	AC Power Cord, Japan RoHS
9000093CABLE	C13	AC POWER CABLE, C14 TYPE, SWITZERLAND 3-PIN
77900507E	C13	Cable: power cord, straight - Power cord, UK, IEC320-C13, 2.5 m (8.2 ft)
130063	C13	AC Power Cord, US RoHS

APPENDIX

Compare Granit XP 1990i/ 1991i to Granit Ultra 2100i/ 2105i

								Is the Granit XP part the same as Granit Ultra?	Is the Granit XP part compatible with Granit Ultra?	Customer Installable	
ACCESSORIES											
Category	**Description**	**Granit 1980i**	**Granit XP 1990i**	**Granit Ultra 2100i**	**Granit 1981i**	**Granit XP 1991i**	**Granit Ultra 2105i**				**Notes**
Batteries	Standard Battery	-	-	-	BAT-SCN01 BAT-SCN01A	-	-	No	No	Yes	BAT-SCN01 and BAT-SCN01A is compatible with the 1991i, but the 1991i battery status icon and smart battery information will only function when the BAT-SCN05 Smart Battery is installed in the 1991i.
	Smart Battery	-	-	-	-	BAT-SCN05	BAT-SCN11	No	No	Yes	BAT-SCN11 is not compatible with the 1981i or 1991i. BAT-SCN05 is compatible with the 1981i, but it will not provide Smart Battery information whilst installed in the 1981i.
Chargers	4-Bay Desktop Battery Charger	-	-	-	MB4-BAT-SCN01NAD0	MB4-BAT-SCN01NAD0	MB4-BAT-SCN11	No	No	Yes	BAT-SCN05 is not compatible with MB4-BAT-SCN11 battery charger. BAT-SCN11 is not compatible with MB4-BAT-SCN01NAD0 / MB4-BAT-SCN01NAW0 battery charger.
	4-Bay Wall Battery Charger	-	-	-	MB4-BAT-SCN01NAW0	MB4-BAT-SCN01NAW0	MB4-BAT-SCN11	No	No	Yes	BAT-SCN05 is not compatible with MB4-BAT-SCN11 battery charger. BAT-SCN11 is not compatible with MB4-BAT-SCN01NAD0 / MB4-BAT-SCN01NAW0 battery charger.
Charge Bases	Charge and Communications Base (CCB)	-	-	-	CCB02-100BT-07N	CCB22-100BT-03N	CCB23-100BT-07N	No	No	Yes	CCB23 is not compatible with Granit 1981i or Granit XP 1991i CCB02 is compatible with Granit XP 1991i. CCB22 is compatible with Granit 1981i. CCB02 firmware must be upgraded before it can be used to upgrade firmware on a Granit XP 1991i.
	Charge Only Base (COB)	-	-	-	COB02	COB22		No	No	Yes	
	Power Supply	-	-	-	PS-05-1000W-I	PS-05-1000W-I	PS-05-3000-W-U	No	No	Yes	
Desktop Mounts	Rigid Stand	STND-30R00-011-4	STND-30R00-011-4	STND-30R00-011-4	STND-30R00-011-4	STND-30R00-011-4	STND-30R00-011-4	Yes	Yes	Yes	
	Flexible Stand	STND-33F00-012-4	STND-33F00-012-4	STND-33F00-012-4	STND-33F00-012-4	STND-33F00-012-4	STND-33F00-012-4	Yes	Yes	Yes	
Susepnsion	Tool Balancer	TOOLBAL	TOOLBAL	TOOLBAL	TOOLBAL	TOOLBAL	TOOLBAL	Yes	Yes	Yes	
Mounting	Vehicle Mount	VMHOLDER2K	VMHOLDER2K	VMHOLDER2K	VMHOLDER2K	VMHOLDER2K	VMHOLDER2K	Yes	Yes	Yes	VMHOLDERK and VMHOLDER2K are compatible with both Granit, Granit XP and Granit Ultra scanners.

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