



## LS2208 Technical Accessory Guide



NOTE: This document is only for general reference. Solutions Pathway and related PMBs should be used for product availability, pricing, and final solution selection.

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### Communication Cables

Zebra associates and partners can also see Zebra's Universal Cable Guide at:

[https://partnerportal.zebra.com/PartnerPortal/product\\_services/downloads\\_z/barcode\\_scanners/Universal-Cable-Guide-Bar-Code-Scanners.xlsx](https://partnerportal.zebra.com/PartnerPortal/product_services/downloads_z/barcode_scanners/Universal-Cable-Guide-Bar-Code-Scanners.xlsx)

#### Standard USB Cables

Part Number	Picture	Description	Notes	Required Items
CBA-U01-S07ZAR		USB Cable: Series A Connector, 7ft. Straight		
CBA-U30-S15ZBR (cable ties shield to ground which allows it to be used with scanners requiring Non-Shielded or Shielded cables)		USB Cable: Series A Connector, 15ft. Straight		
CBA-U10-S15ZAR				
CBA-U12-C09ZAR		USB Cable: (Series A Connector, 9ft. Coiled)		
CBA-U09-C15ZAR		USB Cable: Series A Connector, 15ft. Coiled		
CBA-U06-S09EAR		USB Cable:EAS, Series A Connector, 9ft. Straight	Integrates with Checkpoint EAS security tag system	

#### IBM POS USB Cables

Non-Shielded USB Cable Part Number	Shielded USB Cable Part Number	Picture	Description	Notes	Required Items
Used with units Manufactured prior to Jan 2015 (will have black logo on device)	Used with units Manufactured after Jan 2015 - LS2208+ (will have silver logo on device)		USB Cable: Power Plus Connector, 7ft. Straight		
CBA-U23-S07ZBR (cable ties shield to ground which allows it to be used with scanners requiring Non-Shielded or Shielded cables)	CBA-U23-S07ZBR (has heavier gauge wire vs. CBA-U23-S07ZAR, can support 5V and 12V power, scanner dependent)				
CBA-U03-S07ZAR	CBA-U23-S07ZAR Discontinued 2/2019, now use CBA-U23-S07ZBR - see PMB 10044				

CBA-U35-S15ZBR (cable ties shield to ground which allows it to be used with scanners requiring Non-Shielded or Shielded cables)	CBA-U35-S15ZBR (has heavier gauge wire vs. CBA-U35-S15ZAR, can support 5V and 12V power, scanner dependent)		USB Cable: Power Plus Connector, 15ft. Straight		
CBA-U15-S15ZAR	CBA-U35-S15ZAR ▶ Discontinued 2/2019, now use CBA-U35-S15ZBR - see PMB 10044				
CBA-U14-C09ZAR ▶ Discontinued 10/31/2012, PMB 2152	CBA-U34-C09ZAR		USB Cable: Power Plus Connector, 9ft. Coiled		
CBA-U08-C15ZAR	CBA-U28-C15ZBR (has heavier gauge wire vs. CBA-U28-C15ZAR, can support 5V and 12V power, scanner dependent)  CBA-U28-C15ZAR ▶ Discontinued 4/2020, now use CBA-U28-C15ZBR - see PMB 10343		USB Cable: Power Plus Connector, 15ft. Coiled		
CBA-U07-S09EAR	CBA-U27-S09EAR		▶ USB Cable: Power Plus Connector, 9ft. Straight with EAS	Integrates with Checkpoint EAS security tag system	
<b>RS232 Cables</b>					
Part Number	Picture	Description	Notes	Required Items	
CBA-R01-S07PBR		RS232 Cable:STD-DB9 Female, TxD on 2, 7ft. Straight	▶ Includes improved TTL current limit protection circuitry vs. CBA-R01-S07PAR	Requires external power supply	
CBA-R02-C09PAR		RS232 Cable:STD-DB9 Female, TxD on 2, 9ft. Coiled		Requires external power supply	
CBA-R03-C12PAR		RS232 Cable:STD-DB9 Female, TxD on 2, 12ft. Coiled		Requires external power supply	
CBA-R06-C20PBR		RS232 Cable:STD-DB9 Female, TxD on 2, 20ft. Coiled	▶ Includes improved TTL current limit protection circuitry vs. CBA-R06-C20PAR	Requires external power supply	
CBA-R49-C09ZAR		RS232 Cable: True Cvr, DB9 Female, Pwr Pin 9, TxD on 2, 9ft. Coiled - Freezer Rated	▶ Cable and strain relief are rated for freezer environment use (-30°C). ▶ Cable provides ±12V signaling (RS232C) needed by some older PLC's which may not support TTL signalling		
CBA-R46-C09ZBR		RS232 Cable: True Cvr, DB9 Female, Pwr Pin 9, TxD on 2, 9ft. Coiled	▶ Cable provides ±12V signaling (RS232C) needed by some older PLC's which may not support TTL signalling		

CBA-R37-C09ZBR		RS232 Cable: STD-DB9 Female, PWR Pin 9, 9ft coiled	► Includes improved TTL current limit protection vs. CBA-R37-C09ZAR.	
CBA-R73-C09ZAR		RS232 Cable: True Cvtr, DB9 Male, Pwr Pin 9, TxD on 2, 9ft. Coiled	► Cable provides ±12V signaling (RS232C) needed by some older PLC's which may not support TTL signalling	
CBA-R32-S07PAR		RS232 Cable: True Cvtr, DB9 Female, TxD on 2, 7ft. Straight	► Cable provides ±12V signaling (RS232C) needed by some older PLC's which may not support TTL signalling	Requires external power supply
<b>Siemens Nixdorf Beetle POS Terminal RS232 Cables</b>				
Part Number	Picture	Description	Notes	Required Items
CBA-R08-S07ZBR		RS232 Cable: Nixdorf Beetle-5V Direct Power Cable 7ft. Straight	► Includes improved TTL current limit protection circuitry vs. CBA-R08-S07ZAR	
CBA-R09-C09ZAR		RS232 Cable: Nixdorf Beetle-5V Direct Power Cable 9ft. Coiled		
CBA-R10-S07ZBR		RS232 Cable: Nixdorf Beetle-12V Direct Power, 7ft. Straight	► Includes improved TTL current limit protection circuitry vs. CBA-R10-S07ZAR	
CBA-R41-S12ZAR		RS232 Cable: Nixdorf Beetle-12V Direct Power, 12ft. Straight		
CBA-R12-C12ZAR		RS232 Cable: Nixdorf Beetle-12V Direct Power, 12ft. Coiled	► Discontinued 5/2019 - see PMB 10111	
CBA-R14-C20ZAR		RS232 Cable: Nixdorf Beetle, 20ft. Coiled		
CBA-R43-C20ZAR		RS232 Cable: Nixdorf Beetle, DB25, 20ft. Coiled		
CBA-R13-S09EAR		RS232 Cable: Nixdorf Beetle-12V Direct Power, 7ft. Straight., with EAS	Integrates with Checkpoint EAS security tag system	
<b>Other POS Terminal RS232 Cables</b>				
Part Number	Picture	Description	Notes	Required Items

CBA-R23-S07ZBR		RS232 Cable: Fujitsu Team POS 500 ICL , 7ft straight	► Includes improved TTL current limit protection circuitry vs. CBA-R23-S07ZAR	
CBA-R22-C09ZAR		RS232 Cable: Fujitsu Team POS 500 ICL, 9ft coiled		
CBA-R24-C20ZAR		RS232 Cable: Fujitsu Team POS 500 ICL, 20ft Coiled		
CBA-R31-C09ZAR		CBL:RS232 (NCR7448) 9FT,CLD		
CBA-R47-C09ZAR		CBL:RS232 (NCR AUX PORT) 9FT, CLD		
25-32465-26		RS232 Cable: Datalogic Magellan scanner Auxiliary Port, 6ft Coiled		
CBA-R28-C09ZAR		RS232 Cable: Verifone Ruby, 9ft, Coiled		
<b>Keyboard Wedge Cables</b>				
NOTE: Cables for pre-Jan 2015 and post-Jan 2015 devices are interchangeable, however, post-Jan 2015 devices will support auto-detect for switching into keyboard wedge mode without scanning configuration barcode when used with a post-Jan 2015 cable.				
<b>Units Manufactured prior to Jan 2015</b> (will have black logo on device)	<b>Units Manufactured after Jan 2015 - LS2208+</b> (will have silver logo on device)	<b>Picture</b>	<b>Description</b>	<b>Notes</b>
				
CBA-K01-S07PAR	CBA-K61-S07PAR		Keyboard Wedge Cable: PS/2, Power Port, 7ft. Straight	► Host can provide enough power on PS2 port for scanner, however, Zebra recommends using an external power supply to protect the host's PS2 port. ► Recommend using CBA-K61-S07ZAR for post Jan-2015 scanners to support host auto-detect so configuration barcode is not needed to put device into Keyboard Wedge mode.

CBA-K02-C09PAR	CBA-K62-C09PAR		Keyboard Wedge Cable: PS/2, Power Port, 9ft. Coiled	<ul style="list-style-type: none"> <li>▶ Host can provide enough power on PS2 port for scanner, however, Zebra recommends using an external power supply to protect the host's PS2 port.</li> <li>▶ Recommend using CBA-K62-C09ZAR for post Jan-2015 scanners to support host auto-detect so configuration barcode is not needed to put device into Keyboard Wedge mode.</li> </ul>	
CBA-K08-C20PAR	N/A		Keyboard Wedge Cable: PS/2, Power Port, 20ft. Coiled	<ul style="list-style-type: none"> <li>▶ Host can provide enough power on PS2 port for scanner, however, Zebra recommends using an external power supply to protect the host's PS2 port.</li> </ul>	

**IBM 468x/469x POS Cables**

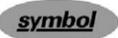
**NOTE: Cables for pre-Jan 2015 and post-Jan 2015 devices are NOT interchangeable.**

Units Manufactured prior to Jan 2015 (will have black logo on device)	Units Manufactured after Jan 2015 - LS2208+ (will have silver logo on device)	Picture	Description	Notes	Required Items
					
CBA-M04-S07ZAR	CBA-M64-S07ZAR		IBM 468x/9x, Port 5B Cable, 7ft. Straight	<ul style="list-style-type: none"> <li>▶ CBA-M64-S07ZAR supports host auto-detect so configuration barcode is not needed to put post Jan-2015 unit into IBM host mode.</li> </ul>	
CBA-M01-S07ZAR	CBA-M61-S07ZAR		IBM 468x/9x, Port 9B Cable, 7ft. Straight	<ul style="list-style-type: none"> <li>▶ CBA-M61-S07ZAR supports host auto-detect so configuration barcode is not needed to put post Jan-2015 unit into IBM host mode.</li> </ul>	
CBA-M02-C09ZAR	N/A		IBM 468x/9x, Port 9B Cable, 9ft. Coiled		

**Vehicle Mount Computer Cables**

25-159548-02		VC70N0 to scanner (USB)	<ul style="list-style-type: none"> <li>▶ USB cable locks onto VC70 using two screws</li> <li>▶ Provides enough power for DS3508-ER</li> <li>▶ 12 ft long when extended</li> <li>▶ Improved performance in freezer environments vs. 25-159548-01. The conductor insulation material was changed to a stiffer material so the copper does not flex at as sharp an angle, resulting in a longer bend life.</li> </ul>		
25-71917-03R		VC5000 or FLC9000 to scanner (serial)	<ul style="list-style-type: none"> <li>▶ 9 ft long when extended</li> <li>▶ Improved performance in freezer environments vs. 25-71917-02R. The conductor insulation material was changed to a stiffer material so the copper does not flex at as sharp an angle, resulting in a longer bend life.</li> </ul>		
25-71918-01R		VC5000 or FLC9000 to scanner (USB)	<ul style="list-style-type: none"> <li>▶ This cable can't be used on full screen units that use an external keyboard since the keyboard uses the same rugged USB connector.</li> <li>▶ 9 ft long when extended</li> <li>▶ Recommend using CBL-71918-11R instead</li> </ul>		
CBA-T14-C09ZAR		Scanner Emulation Cable: Connects scanner to VRC6900			

CBA-T13-C09ZAR		RS232 Cable: Connects scanner to VRC7900/8900		
<b>Terminal Specific Cables</b>				
P1031365-057		Scanner to QLn/ZQ6 Series Printer Cable	<ul style="list-style-type: none"> <li>▶ Allows scanner to be directly connected to serial port on QLn or ZQ6 series printers.</li> <li>▶ Serial port on printer will power the scanner</li> <li>▶ 41" long when extended</li> </ul>	
CBA-A51-S16ZAR		Auxiliary Scanner Cable to MP6000/MP7000, RS232 Serial	<ul style="list-style-type: none"> <li>▶ Allows handheld scanners to be used with MP6000/MP7000 for scanning heavy/awkward items.</li> <li>▶ 5 meter length</li> <li>▶ RS232 serial connection to scanner</li> <li>▶ Connects to AUX2 port on MP6000/MP7000</li> <li>▶ Provides power to corded scanners</li> <li>▶ NOTE: MP6000/MP7000 supports maximum of 2 auxiliary scanners.</li> </ul>	
<b>Synapse Adapter Cables    NOTE: Not supported on models manufactured after Jan-2015</b>				
CBA-S01-S07ZAR		Synapse Adapter Cable: 7ft. Straight		May require external power supply depending on Synapse adapter chosen
CBA-S04-C16ZAR		Synapse Adapter Cable: 16ft. Coiled	▶ Discontinued 4/2018 - PMB 3047.	May require external power supply depending on Synapse adapter chosen
CBA-S05-S09EAR		Synapse Adapter Cable with EAS 9ft. Straight	Integrates with Checkpoint EAS security tag system	
<b>Misc</b>				
<b>Part Number</b>	<b>Picture</b>	<b>Description</b>	<b>Notes</b>	<b>Required Items</b>
STND-GS00UNC-04		Universal Gooseneck Intellistand (Black color)	<ul style="list-style-type: none"> <li>▶ Expected to be released June 2017</li> <li>▶ Stand is compatible with LS2208, LI2208, LS4208, DS4208, DS4308, DS2208, DS8108</li> <li>▶ Stand has scanner trigger magnets in both nose and base.</li> </ul>	
20-61019-02R		Gooseneck Intellistand (Black color)	▶ Compatible with all LS2208 versions	

20-61019-04R		Gooseneck Intellistand with Weighted Base (Black color)	► Compatible with all LS2208 versions	
20-61019-01R		Gooseneck Intellistand (White color)	► Compatible with all LS2208 versions	
20-61022-04R		Gooseneck Intellistand (Black color)	► Only compatible with units manufactured after Jan 2015 - LS2208+ (will have silver logo on device)  ► Also compatible with LI2208 units	
20-70777-01R		Desk Holder		
11-66553-06R		Wall Mount Holder		

**Power Supplies/Power Cords**

Part Number	Picture	Description	Notes	Required Items
PWR-WUA5V4W0US		Power Supply (US)	► Used when connecting communication cables labeled above as "Requires external power supply". ► For use in US, CA, MX, JP, TW. ► 5.2V, 1.1A, 5.7W ► Provides US DOE Level VI compliance for power efficiency. ► Replaces PWRS-14000-253R	
PWR-WUA5V4W0IN		Power Supply (India)	► Used when connecting communication cables labeled above as "Requires external power supply". ► For use in India. ► 5.2V, 1.1A, 5.7W ► Provides US DOE Level VI compliance for power efficiency. ► Replaces PWRS-14000-254R	
PWR-WUA5V4W0BR		Power Supply (Brazil)	► Used when connecting communication cables labeled above as "Requires external power supply". ► For use in Brazil. ► 5.2V, 1.1A, 5.7W ► Provides US DOE Level VI compliance for power efficiency. ► Replaces PWRS-14000-255R	
PWR-WUA5V4W0EU		Power Supply (EU and UK)	► Used when connecting communication cables labeled above as "Requires external power supply". ► For use in EU and UK. ► 5.2V, 1.1A, 5.7W ► Provides US DOE Level VI compliance for power efficiency. ► Replaces PWRS-14000-256R	

PWR-WUA5V4W0CN		Power Supply (China)	<ul style="list-style-type: none"> <li>▶ Used when connecting communication cables labeled above as "Requires external power supply".</li> <li>▶ For use in China.</li> <li>▶ 5.2V, 1.1A, 5.7W</li> <li>▶ Provides US DOE Level VI compliance for power efficiency.</li> <li>▶ Replaces PWRS-14000-257R</li> </ul>	
PWR-WUA5V4W0AU		Power Supply (Australia)	<ul style="list-style-type: none"> <li>▶ Used when connecting communication cables labeled above as "Requires external power supply".</li> <li>▶ For use in Australia.</li> <li>▶ 5.2V, 1.1A, 5.7W</li> <li>▶ Provides US DOE Level VI compliance for power efficiency.</li> <li>▶ Replaces PWRS-14000-258R</li> </ul>	
PWRS-14000-058R		Power Supply (Universal)	<ul style="list-style-type: none"> <li>▶ 100-250 VAC, 5.2VDC, 2A</li> <li>▶ Energy Star Compliant</li> <li>▶ Can be used as alternative to PWRS-14000-25xR power supplies.</li> </ul>	23844-00-00
23844-00-00R		AC Line Cord		