



## DS9908 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\\_zbarcode\\_scanners/Universal-Cable-Guide-Bar-Code-Scanners.xlsx](https://partnerportal.zebra.com/PartnerPortal/product_services/downloads_zbarcode_scanners/Universal-Cable-Guide-Bar-Code-Scanners.xlsx)

#### Standard USB Cables

Non-Shielded USB Cable Part Number NOTE: Use of Shielded cables is recommended for maximum ESD protection. Non-Shielded cables should only be used when migrating from DS9808 to DS9908 while retaining existing DS9808 cables.	Shielded USB Cable Part Number (Recommended for all installations)	Picture	Description	Compatible with DS9908	Compatible with DS9908-R (RFID)	Notes	Required Items
CBA-U01-S07ZAR	CBA-U21-S07ZBR CBA-U21-S07ZAR - to be replaced by CBA-U21-S07ZBR after stock is used up - see PMB 3003		USB Cable: Series A Connector, 7ft. Straight	✓	✓		
CBA-U10-S15ZAR	CBA-U30-S15ZBR (has heavier gauge wire vs. CBA-U30-S15ZAR, can support 5V and 12V power, scanner dependent) CBA-U30-S15ZAR ► Discontinued 2/2019, now use CBA-U30-S15ZBR - see PMB 10044		USB Cable: Series A Connector, 15ft. Straight	✓	✓		
CBA-U12-C09ZAR	CBA-U32-C09ZAR		USB Cable: (Series A Connector, 9ft. Coiled)	✓	✓		
CBA-U09-C15ZAR	CBA-U29-C15ZBR (has heavier gauge wire vs. CBA-U29-C15ZAR, can support 5V and 12V power, scanner dependent) CBA-U29-C15ZAR ► Discontinued 4/2020, now use CBA-U29-C15ZBR - see PMB 10343		USB Cable: Series A Connector, 15ft. Coiled	✓	✓		
CBA-U16-S08PAR	N/A		DS9808-R RFID cable - USB, Series A, Straight, 8 ft	✗	✓	► Recommend using CBA-U21-S07ZBR with DS9908-R. CBA-U16-S08PAR should only be used when migrating from DS9808-R to DS9908-R while retaining existing DS9808-R cables.	► Power Supply (PWR-BGA12V50W0WW and CBL-DC-375A1-01) ► AC Line Cord (23844-00-00R)
CBA-U06-S09EAR	CBA-U26-S09EAR		USB Cable: EAS, Series A Connector, 9ft. Straight	✓	✓	Integrates with Checkpoint EAS security tag system	
N/A	CBA-U39-S09EAR		USB Cable: EAS w/Interlock, Series A Connector, 9ft. Straight	✓	✓	Integrates with Checkpoint EAS security tag system and includes interlock function	

#### IBM POS USB Cables

Non-Shielded USB Cable Part Number NOTE: Use of Shielded cables is recommended for maximum ESD protection. Non-Shielded cables should only be used when migrating from DS9808 to DS9908 while retaining existing DS9808 cables.	Shielded USB Cable Part Number (Recommended for all installations)	Picture	Description	Compatible with DS9908	Compatible with DS9908-R (RFID)	Notes	Required Items
CBA-U03-S07ZAR	CBA-U23-S07ZBR (has heavier gauge wire vs. CBA-U23-S07ZAR, can support 5V and 12V power, scanner dependent) CBA-U23-S07ZAR ► Discontinued 2/2019, now use CBA-U23-S07ZBR - see PMB 10044		USB Cable: Power Plus Connector, 7ft. Straight	✓	✓		

CBA-U15-S15ZAR	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-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)		USB Cable: Power Plus Connector, 15ft. Coiled	✓	✓	
	CBA-U28-C15ZAR ► Discontinued 4/2020, now use CBA-U28-C15ZBR - see PMB 10343					
CBA-U07-S09EAR	CBA-U27-S09EAR		USB Cable: Power Plus Connector, 9ft. Straight with EAS	✓	✓	► Integrates with Checkpoint EAS security tag system
CBA-U72-C09ZAR	N/A		DS9808-R RFID cable - USB Power Plus Connector, Series A, Coiled, 9 ft	✗	✓	► Recommend using CBA-U34-C09ZAR with DS9908-R. CBA-U72-C09ZAR should only be used when migrating from DS9808-R to DS9908-R while retaining existing DS9808-R cables. ► Draws 12V from host for DS9808-R (RFID)
CBA-U17-S08ZAR	N/A		DS9808-R RFID cable - USB Power Plus Connector, Series A, Straight, 8 ft	✗	✓	► Recommend using CBA-U23-S07ZBR with DS9908-R. CBA-U17-S08ZAR should only be used when migrating from DS9808-R to DS9908-R while retaining existing DS9808-R cables. ► Draws 12V from host for DS9808-R (RFID)
CBA-U20-S09EAR	N/A		DS9808-R RFID cable - USB Power Plus Connector, Series A, Straight, 9 ft with EAS	✗	✓	► Recommend using CBA-U27-S09EAR with DS9908-R. CBA-U20-S09EAR should only be used when migrating from DS9808-R to DS9908-R while retaining existing DS9808-R cables. ► Integrates with Checkpoint EAS security tag system ► Draws 12V from host for DS9808-R (RFID)

**RS232 Cables**

Part Number	Picture	Description	Compatible with DS9908	Compatible with DS9908-R (RFID)	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-R46-C09ZBR		RS232 Cable: True Cvt, 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 Cvt, 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, Tx/D 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	Compatible with DS9908	Compatible with DS9908-R (RFID)	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-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	Compatible with DS9908	Compatible with DS9908-R (RFID)	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 Auxillary Port, 6ft Coiled	✓	✓		
CBA-R28-C09ZAR		RS232 Cable: Verifone Ruby, 9ft, Coiled	✓	✓		
<b>Keyboard Wedge Cables</b>						

Part Number Legacy DS9808 (DS9808 cables should only be used when migrating from DS9808 to DS9908 while retaining existing DS9808 cables.)	Part Number DS9908 (Recommended for all installations)	Picture	Description	Compatible with DS9908	Compatible with DS9908-R (RFID)	Notes	Required Items
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. ► CBA-K61-S07ZAR supports host auto detect so configuration barcode is not needed to put scanner into Keyboard Wedge mode.	
CBA-K02-C09PAR	CBA-K62-C09PAR		Keyboard Wedge Cable: PS/2, Power Port, 9ft. Coiled	✓	✓	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.	
CBA-K08-C20PAR	N/A		Keyboard Wedge Cable: PS/2, Power Port, 20ft. Coiled	✓	✓	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.	
<b>IBM 468x/469x POS Cables</b>							
Part Number Legacy DS9808 (DS9808 cables should only be used when migrating from DS9808 to DS9908 while retaining existing DS9808 cables.)	Part Number DS9908 (Recommended for all installations)	Picture	Description	Compatible with DS9908	Compatible with DS9908-R (RFID)	Notes	Required Items
CBA-M04-S07ZAR	CBA-M64-S07ZAR		IBM 468x/9x, Port 5B Cable, 7ft. Straight	✓	✓	► CBA-M64-S07ZAR supports host auto detect so configuration barcode is not needed to put scanner into IBM host mode.	
CBA-M14-S07ZAR	N/A		IBM 468x/9x Port 9B cable for DS9808-R (7 ft. Straight).	✗	✓	► Recommend using CBA-M61-S07ZAR with DS9908-R. CBA-M14-S07ZAR should only be used when migrating from DS9808-R to DS9908-R while retaining existing DS9808-R cables. ► Scanner is powered from host	
CBA-M15-S07PAR	N/A		IBM 468x/9x Port 5B cable for DS9808-R (7 ft. Straight).	✗	✓	► Recommend using CBA-M64-S07ZAR with DS9908-R. CBA-M15-S07PAR should only be used when migrating from DS9808-R to DS9908-R while retaining existing DS9808-R cables.	► Power Supply (PWR-BGA12V50W0WW and CBL-DC-375A1-01) ► AC Line Cord (23844-00-00R)
CBA-M01-S07ZAR	CBA-M61-S07ZAR		IBM 468x/9x, Port 9B Cable, 7ft. Straight	✓	✓	► CBA-M61-S07ZAR supports host auto detect so configuration barcode is not needed to put scanner into IBM host mode.	
CBA-M02-C09ZAR	N/A		IBM 468x/9x, Port 9B Cable, 9ft. Coiled	✓	✓		
<b>Terminal Specific Cables</b>							
Part Number		Picture	Description	Compatible with DS9908	Compatible with DS9908-R (RFID)	Notes	Required Items
P1031365-057			Scanner to QLn/ZQ6 Series Printer Cable	✓	✓	► Allows scanner to be directly connected to serial port on QLn or ZQ6 series printers. ► Serial port on printer will power the scanner ► 41" long when extended	
CBA-A51-S16ZAR			Auxiliary Scanner Cable to MP6000/MP7000, RS232 Serial	✓	✓	► Allows handheld scanners to be used with MP6000/MP7000 for scanning heavy/awkward items. ► 5 meter length ► RS232 serial connection to scanner ► Connects to AUX2 port on MP6000/MP7000 ► Provides power to corded scanners ► NOTE: MP6000/MP7000 supports maximum of 2 auxiliary scanners.	
<b>Scanner Emulation Cables (Not supported by DS9908)</b>							
<b>Wand Cables (Not supported by DS9908)</b>							
<b>Synapse Adapter Cables (Not supported by DS9908)</b>							
<b>Misc</b>							
Part Number		Picture	Description	Notes		Required Items	
BRKT-MM0099C-04			Wall/Desk Mount Holder (Black color)	► Allows scanner to be mounted on wall or desk/counter. ► Can be mounted via screws (not provided) or the included double-sided adhesive tape. ► Screw holes match the same locations of the DS9808's Wall/Desk Mount Holder (11-115237-07R) for convenient migration. ► Not compatible with RFID versions of DS9908.			
<b>Power Supplies/Power Cords</b>							

Part Number	Picture	Description	Notes	Required Items
PWR-WUA5V4W0US		Power Supply (US)	<ul style="list-style-type: none"> <li>▶ Used when connecting communication cables labeled above as "Requires external power supply".</li> <li>▶ For use in US, CA, MX, JP, TW.</li> <li>▶ 5.2V, 1.1A, 5.7W</li> <li>▶ Provides US DOE Level VI compliance for power efficiency.</li> <li>▶ Replaces PWRS-14000-253R</li> </ul>	
PWR-WUA5V4W0IN		Power Supply (India)	<ul style="list-style-type: none"> <li>▶ Used when connecting communication cables labeled above as "Requires external power supply".</li> <li>▶ For use in India.</li> <li>▶ 5.2V, 1.1A, 5.7W</li> <li>▶ Provides US DOE Level VI compliance for power efficiency.</li> <li>▶ Replaces PWRS-14000-254R</li> </ul>	
PWR-WUA5V4W0BR		Power Supply (Brazil)	<ul style="list-style-type: none"> <li>▶ Used when connecting communication cables labeled above as "Requires external power supply".</li> <li>▶ For use in Brazil.</li> <li>▶ 5.2V, 1.1A, 5.7W</li> <li>▶ Provides US DOE Level VI compliance for power efficiency.</li> <li>▶ Replaces PWRS-14000-255R</li> </ul>	
PWR-WUA5V4W0EU		Power Supply (EU and UK)	<ul style="list-style-type: none"> <li>▶ Used when connecting communication cables labeled above as "Requires external power supply".</li> <li>▶ For use in EU and UK.</li> <li>▶ 5.2V, 1.1A, 5.7W</li> <li>▶ Provides US DOE Level VI compliance for power efficiency.</li> <li>▶ Replaces PWRS-14000-256R</li> </ul>	
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>	23844-00-00R
23844-00-00R		AC Line Cord		