

Technical Accessory Guides (TAGs)

For Associates, Resellers, ISVs and Alliance Partners

Global



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DS46xx 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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Cradles (for DS4678)

Part Number	Picture	Description	Notes	Required Items
CR8178-SC100F4WW CR8178-SC100F4CN (for use in mainland China only)		Standard Charging/Communication Cradle - Black	► Provides radio and charging capabilities ► Up to 8 scanners can be paired per cradle. ► Certified at FIPS 140-2 Level 1 - uses 128 or 256 bit AES encryption between cradle and scanner. ► NOTE: Cradles manufactured after November 2020 included additional feature to alert user if host is not providing enough power to charge scanner.	Host communication cable and possibly a power supply depending on the host cable type.
CR8178-PC100F4WW CR8178-PC100F4CN (for use in mainland China only) ► Discontinued 8/2023 - see PMB 11113		Presentation Charging/Communication Cradle - Black	► Provides radio and charging capabilities ► Up to 8 scanners can be paired per cradle. ► Certified at FIPS 140-2 Level 1 - uses 128 or 256 bit AES encryption between cradle and scanner. ► NOTE: Cradles manufactured after November 2020 included additional feature to alert user if host is not providing enough power to charge scanner.	Host communication cable and possibly a power supply depending on the host cable type.
BT-RS5X6-DNGL-01		Bluetooth Adapter	► Allows DS4678 series to be easily connected with hosts that do not have a Bluetooth radio for direct communication. ► Pairing barcode on adapter is scanned to instantly pair with the DS4678 scanner. ► Up to 7 scanners can be paired per adapter. ► Paging button on adapter will trigger all paired scanners to beep, ideal for locating misplaced/hidden scanners. ► Adapter is powered from host via USB. ► Adapter can be easily mounted vertically or horizontally on tabletops, walls, poles, etc. using zip ties or screws (not included).	► USB Scanner Cable (CBA-U46-S07ZAR)

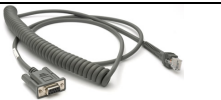
KT-RS5X6-BTDCBL-01		Bluetooth Adapter KIT	► Allows DS4678 series to be easily connected with hosts that do not have a Bluetooth radio for direct communication. ► Pairing barcode on adapter is scanned to instantly pair with the DS4678. ► Up to 7 scanners can be paired per adapter. ► Paging button on adapter will trigger all paired scanners to beep, ideal for locating misplaced/hidden scanners. ► Adapter is powered from host via USB. ► Adapter can be easily mounted vertically or horizontally on tabletops, walls, poles, etc. using zip ties or screws (not included). ► Kit includes: - Bluetooth Adapter (BT-RS5X6-DNGL-01) - USB Scanner Cable (CBA-U46-S07ZAR)	
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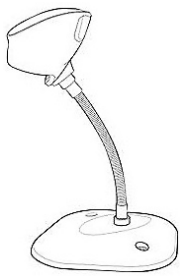
Communication Cables

Standard USB Cables				
Part Number	Picture	Description	Notes	Required Items
CBA-U21-S07ZBR		USB Cable: Series A Connector, 7ft. Straight		
CBA-U30-S15ZBR		USB Cable: Series A Connector, 15ft. Straight	► has heavier gauge wire vs. CBA-U30-S15ZAR, can support 5V and 12V power, scanner dependent	
CBA-U42-S07PAR		Shielded USB Cable: Series A Connector, 7ft. Straight - Powered	► This cable is typically used with 36XX series scanners but can also be used with CR8178 cradles (not DS4608). CBA-U21-S07ZBR is typically used instead of this cable. ► If using power from Host, will charge scanner in about 8.5 or 12 hours depending on type of cradle being used. ► External power supply will charge scanner battery in about 2.8 hours.	For faster charging use: ► 12V external Power Supply (PWR-BGA12V50W0WW) ► DC Line Cord (CBL-DC-375A1-01) ► AC Line Cord (23844-00-00R or country specific version)
CBA-U47-S15ZAR		Shielded USB Cable: Series A Connector, 15ft. Straight	► This cable is typically used with 36XX series scanners but can also be used with CR8178 cradles (not DS4608). CBA-U30-S15ZBR is typically used instead of this cable. ► Cable rated for 1.2A current ► If host provides 1.2A current, will charge battery in about 3 hours. Otherwise battery will charge in about 8.5 to 12 hours depending on type of cradle being used.	
CBA-U44-S15PAR		Shielded USB Cable: Series A Connector, 15ft. Straight - Powered	► This cable is typically used with 36XX series scanners but can also be used with CR8178 cradles (not DS4608). CBA-U30-S15ZBR is typically used instead of this cable. ► If using power from Host, will charge scanner in about 8.5 or 12 hours depending on type of cradle being used. ► External power supply will charge scanner battery in about 2.8 hours.	For faster charging use: ► 12V external Power Supply (PWR-BGA12V50W0WW) ► DC Line Cord (CBL-DC-375A1-01) ► AC Line Cord (23844-00-00R or country specific version)

CBA-U32-C09ZAR		USB Cable: (Series A Connector, 9ft. Coiled)		
CBA-U29-C15ZBR		USB Cable: Series A Connector, 15ft. Coiled	►has heavier gauge wire vs. CBA-U29-C15ZAR, can support 5V and 12V power, scanner dependent	
CBA-U26-S09EAR		USB Cable:EAS, Series A Connector, 9ft. Straight	Integrates with Checkpoint EAS security tag system	
CBA-U65-S07ZAR		USB Cable: USB-C Connector, 7ft. Straight	►Cable is typically used with tablets and laptops with USB-C ports	
IBM POS USB Cables				
Part Number	Picture	Description	Notes	Required Items
CBA-U23-S07ZBR		USB Cable: Power Plus Connector, 7ft. Straight, 12V	►Has heavier gauge wire vs. CBA-U23-S07ZAR, can support 5V or 12V power, scanner dependent	
CBA-U35-S15ZBR		USB Cable: Power Plus Connector, 15ft. Straight	►Has heavier gauge wire vs. CBA-U35-S15ZAR, can support 5V or 12V power, scanner dependent	
CBA-U34-C09ZAR		USB Cable: Power Plus Connector, 9ft. Coiled		
CBA-U28-C15ZBR		USB Cable: Power Plus Connector, 15ft. Coiled	►Has heavier gauge wire vs. CBA-U28-C15ZAR, can support 5V and 12V power, scanner dependent.	
CBA-U27-S09EAR		USB Cable: Power Plus Connector, 9ft. Straight with EAS	Integrates with Checkpoint EAS security tag system	
RS232 Cables				
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-R07-S07PAR		RS232 Cable:STD-DB9 Female, TxD on 2, 7ft. Straight	►This cable is typically used with 36XX series scanners but can also be used with CR8178 cradles (not DS4608). ►Will charge battery in about 2.8 hours	Requires: ►12V external Power Supply (PWR-BGA12V50W0WW) ►DC Line Cord (CBL-DC-375A1-01) ►AC Line Cord (23844-00-00R or country specific version)
CBA-R02-C09PAR		RS232 Cable:STD-DB9 Female, TxD on 2, 9ft. Coiled		Requires external power supply

CBA-R71-C09ZAR		RS232 Cable:STD-DB9 Female, 9ft. Coiled, TxD on 2, PWR Pin 9	► This cable is typically used with 36XX series scanners but can also be used with CR8178 cradles (not DS4608). ► This cable is recommended for use with the VC80, VH10, 8585/8595, and 8515.	
CBA-R03-C12PAR		RS232 Cable:STD-DB9 Female, TxD on 2, 12ft. Coiled		Requires external power supply
CBA-R21-S15PAR		RS232 Cable:STD-DB9 Female, TxD on 2, 15ft. Straight	► To be discontinued 7/2025 - see DN/PMB-11592. ► This cable is typically used with 36XX series scanners but can also be used with CR8178 cradles (not DS4608). ► Will charge battery in about 2.8 hours	Requires: ► 12V external Power Supply (PWR-BGA12V50W0WW) ► DC Line Cord (CBL-DC-375A1-01) ► AC Line Cord (23844-00-00R or country specific version)
CBA-R06-C20PBR		RS232 Cable:STD-DB9 Female, TxD on 2, 20ft. Coiled	► To be discontinued 7/2025 - see DN/PMB-11592. ► Includes improved TTL current limit protection circuitry vs. CBA-R06-C20PAR	Requires external power supply
CBA-R46-C09ZBR		RS232 Cable: True Cvtr, DB9 Female, Pwr Pin 9, TxD on 2, 9ft. Coiled	► To be discontinued 7/2025 - see DN/PMB-11592. ► Cable provides ±5V 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 ±5V 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	► To be discontinued 7/2025 - see DN/PMB-11592. ► Cable provides ±5V signaling (RS232C) needed by some older PLC's which may not support TTL signalling	Requires external power supply
Siemens Nixdorf Beetle POS Terminal RS232 Cables				
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-R13-S09EAR		RS232 Cable: Nixdorf Beetle-12V Direct Power, 7ft. Straight., with EAS	Integrates with Checkpoint EAS security tag system	
Other POS Terminal RS232 Cables				

Part Number	Picture	Description	Notes	Required Items
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	► RJ50 cable connects to Datalogic Magellan Slot Scanner Auxiliary Port	
CBA-R28-C09ZAR		RS232 Cable: Verifone Ruby, 9ft, Coiled		
CBA-K63-S07PAR		Keyboard Wedge Cable: PS/2, Power Port, 7ft. Straight - Powered	► This cable is typically used with 36XX series scanners but can also be used with CR8178 cradles (not DS4608). ► Host will provide enough power on PS2 port for Standard Charging/ Communication Cradle and will charge scanner in about 16.8 hours. - Zebra recommends using an external power supply to protect the host's PS2 port. ► External power supply is required when using with Presentation Charging/ Communication Cradle or if faster charging is needed when using Standard Charging/ Communication Cradle. Will charge scanner battery in about 2.8 hours. ► Supports host auto-detect so configuration barcode is not needed to put device into Keyboard Wedge mode.	Requires: ► 12V external Power Supply (PWR-BGA12V50W0WW) ► DC Line Cord (CBL-DC-375A1-01) ► AC Line Cord (23844-00-00R) under the following conditions: 1. if using Presentation Charging/Communication Cradle OR 2. If faster battery charging is needed when using Standard Charging/ Communication Cradle
IBM 468x/469x POS Cables				
Part Number	Picture	Description	Notes	Required Items
CBA-M61-S07ZAR		IBM 468x/9x, Port 9B Cable, 7ft. Straight	► Port 5B connection provides 5V power and will charge scanner in about 4 hours. ► Supports host auto-detect so configuration barcode is not needed to put device into IBM Host mode.	
Scanner Emulation Cables (Not supported by DS4608)				
Wand Cables (Not supported by DS4608)				
Synapse Adapter Cables (Not supported by DS4608)				
Terminal Specific Cables				

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.	
Misc				
Part Number	Picture	Description	Notes	Required Items
STND-GS00UNC-04		Universal Gooseneck Intellistand (Black color)	► Stand is compatible with LS2208, LI2208, LS4208, DS4208, DS4308, DS4608, DS2208, DS8108 ► Stand has scanner trigger magnets in both nose and base. ► Not compatible with DS4678	
20-71043-04R		Gooseneck Intellistand (Black color)	► Stand is compatible with DS4308, DS4608, DS2208, and DS8108 ► Not compatible DS4308P (integrated presentation stand) models ► Not compatible with DS4678	
20-71043-0BR		Gooseneck Intellistand (White color)	► Typically used with Heathcare (HC) versions of scanner. ► Stand is compatible with DS4308, DS4608, DS2208, and DS8108. ► Not compatible with DS4678	
22-71043-0BR		Weighted Gooseneck Intellistand (White color)	► Stand features a weighted base. ► Typically used with Heathcare (HC) versions of scanner. ► Stand is compatible with DS4308, DS4608, DS2208, and DS8108. ► Not compatible with DS4678	

22-71043-07R		Weighted Gooseneck Intellistand (Black color)	► Stand features a weighted base. ► Stand is compatible with DS4308, DS4608, DS2208, and DS8108 ► Not compatible with DS4678	
21-71043-04R		Cup Holder (Black color)	► Cup has magnet to put scanner into presentation mode. ► Allows scanner to be mounted in fixture or other equipment. ► Not compatible with DS4678	
21-71043-0BR		Cup Holder (Healthcare White color)	► Typically used with Heathcare (HC) versions of scanner. ► Cup has magnet to put scanner into presentation mode. ► Allows scanner to be mounted in fixture or other equipment. ► Not compatible with DS4678	
BRKT-AP0081W-04		4278-6878 series Cradle Adapter Bracket	► Allows DS4678 Standard Charging/Communication Cradle (CR8178-SC) to be used with fixtures designed to hold the 4278-6878 Standard Charging/Communication Cradle (CR0078-SC). ► Hole pattern on Adapter Bracket matches hole pattern on 4278-6878 Cradle. DS4678 Cradle then attaches to bracket. ► Adapter Bracket can also be attached to the 4278-6878 Wall Mount Bracket for CR0078-SC and CR0008-SC Cradles (21-135001-01). The spacers on the Wall Mount bracket will need to be removed to attach the two brackets together.	
FAST-PC0081W-Q1 (one set of 4) FAST-PC0081W-25 (25 sets of 4) ► Discontinued 10/2024, see PMB 11454		Adhesive Fastening Straps for Cradles	► Set of four adhesive backed hook fastening strips used to adhere one CR8178-SC or CR8178-PC charging communication cradle to a surface. ► Allows easy insertion and removal of scanner from the cradle.	
215994 (3rd party) * https://www.proclipusa.com		ProClip Mounting Plate for Standard Cradle	► Mounting plate keeps the scanner within easy reach. ► Uses AMPS hole pattern for easy mounting. ► Can be attached to a ProClip pedestal or any flat surface.	

216040 (3rd party) *		ProClip Mounting Plate with Quick Release Speed Clip for Presentation Cradle	► Mounting plate keeps the scanner within easy reach. ► Uses AMPS hole pattern for easy mounting. ► Can be attached to a ProClip pedestal or any flat surface. ► ProClip 45mm non-charging Quick Release Speed Clip allows easy removal of cradle, when needed.	
MISC-BC0081-04 (black color)		Replacement Battery Doors/Covers for DS4678	► pack of 10 doors/covers	
Power Supplies/Power Cords				
Part Number	Picture	Description	Notes	Required Items
CBL-DC-375A1-01		DC Power Cord	► Used along with Power Supply PWR-BGA12V50W0WW. ► Cable length is 1.5 meters	
PWR-BGA12V50W0WW		Power Supply	► 100-240 VAC, 12V, 4.16A, 50W ► Provides US DOE Level VI compliance for power efficiency.	► DC Line Cord (CBL-DC-375A1-01) ► AC Line Cord (23844-00-00R or country specific version)
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-WUA5V4W04C		Power Supply (EU, UK, Brazil, Australia, China)	► Used when connecting communication cables labeled above as "Requires external power supply". ► Includes AC adapter clips for use in EU, UK, Brazil, Australia and China. ► 5.2V, 1.1A, 5.7W ► Provides US DOE Level VI compliance for power efficiency.	

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	
23844-00-00R		AC Line Cord	► This AC Line Cord is for use in North America. See the AC Line Cords by Country TAG for comparable line cords to use in other countries.	
Batteries				
Part Number	Picture	Description	Notes	Required Items
BTRY-DS81EAB0E-00 BTRY-DS81EAB0E-00K (India & South Korea only)		DS4678 Spare Battery (2500 mAh)	► Designed, manufactured & tested to meet rigorous controls & standards ► Premium-grade cells with higher capacity & longer life cycle ► Designed to help prevent overcharging & electrical shock ► NOTE: This is the same battery used with the DS8178 series, but the DS4678 does not provide the PowerPrecision+ capabilities of the battery.	