



VC8x Series Technical Accessory Guide

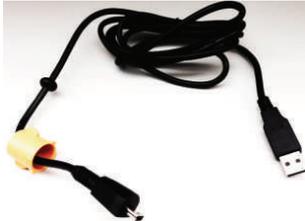


NOTE: This document is only for general reference. Solution Builder and related PMBs should be used for product availability, pricing, and final solution selection.

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Communication Cables and Accessories

Part Number	Picture	Description	Notes	Required Items
CBA-UF8-C12ZAR		VC80 to 36xx Series Scanner Cable (USB)	<ul style="list-style-type: none"> ▶Cable rated for 1.2A current ▶ Coiled cable is 12 ft long when extended ▶Rated to -30°C for freezer environment use. ▶When connected to STB3678/FLB3678, will charge a fully depleted battery in about 4.5 hours if host USB port is BC 1.2 compatible or about 10.5 hours for USB 2.0 host ports. 	
CBA-UF6-C12ZAR		VC80 to 36xx Series Scanner Cable (USB)	<ul style="list-style-type: none"> ▶Cable rated for 1.2A current ▶ Coiled cable is 12 ft long when extended ▶Rated to -30°C for freezer environment use. ▶When connected to STB3678/FLB3678, will charge a fully depleted battery in about 4.5 hours if host USB port is BC 1.2 compatible or about 10.5 hours for USB 2.0 host ports. 	
CBA-U12-C09ZAR		Generic Cable to Scanners 34xx/35xx Cable (USB)	<ul style="list-style-type: none"> ▶Provides enough power for DS3508-ER ▶9 ft long when extended 	
CBA-U09-C15ZAR		Generic Cable to Scanners 34xx/35xx Cable (USB)	<ul style="list-style-type: none"> ▶Provides enough power for DS3508-ER ▶15 ft long when extended 	
CBA-R71-C09ZAR		VC80 to 36xx Series Scanner Cable (Serial)	<ul style="list-style-type: none"> ▶VC80 provides power to scanner on pin 9 (COM 1 port) ▶Provides enough power for DS3608-ER in default power mode. ▶9 ft. coiled cable 	
CBA-RF2-C09ZAR		VC80 to 36xx Series Scanner Cable (Serial) (Freezer Rated)	<ul style="list-style-type: none"> ▶Rated to -30°C for freezer environment use. ▶VC80 provides power to scanner on pin 9 (COM 1 port) ▶Provides enough power for DS3608-ER in default power mode. ▶9 ft. coiled cable 	

CBA-R37-C09ZAR		VC80 to 34xx/35xx Series Scanner Cable (Serial)	<ul style="list-style-type: none"> ▶VC80 provides power to scanner on pin 9 (COM1 or COM2 port) ▶Provides enough power for DS3508-ER. ▶9 ft. coiled cable ▶Includes improved strain relief design from CBA-R36-C09ZAR 	
KT-SCANMNT-VC80-R		Side Mount Scanner Holder	<ul style="list-style-type: none"> ▶Used to mount an external Scanner (i.e. LS/DS 34xx/35xx) on the side of the VC80. ▶Eliminates the need for a scanner Tool Balancer/Pulley ▶Two piece solution - bottom piece pictured attaches to side of VC80. Top piece pictured attaches to bottom piece and holds scanner. ▶Mounting hardware (screws) included. ▶L136xx/DS36xx will not fit properly in this mount unless it is bent a little to make the bracket/mount wider. 	
P1031365-053		QLn Printer Serial Cable	<ul style="list-style-type: none"> ▶Connects to serial port on VC80 ▶6 ft. straight cable 	
P1031365-055		QLn Series Printer USB Cable	<ul style="list-style-type: none"> ▶Connects to USB port on VC80 ▶6 ft. straight cable 	
M1000		External Push-To-Talk (PTT) Speaker Microphone	<ul style="list-style-type: none"> ▶External side-mount PTT microphone and speaker ▶Enables the device to replace a walkie-talkie by voice-over-IP 	
CA1300		Screen Blanking Cable	<ul style="list-style-type: none"> ▶Allows VC80 screen to turn off while vehicle is in motion for enhanced safety ▶Connects to Serial port on VC80 ▶DB9 to open wire ▶Open wires are connected to user/vehicle supplied switch or relay ▶Control Panel option on VC80 enables screen blanking feature. 	

CB-000433-01		CAN Bus Cable	<ul style="list-style-type: none"> ▶RJ45 to Deutsch connector ▶Requires VC80 SKU option with CAN-Bus. ▶Not compatible with VC80X (Android) units. 	
WA4070		Ethernet Adapter for VC80X	<ul style="list-style-type: none"> ▶USB to Ethernet adapter with USB extension cable ▶Compatible with VC80X (Android) units. 	
3rd party *	 http://www.multitech.com/brands/multiconnect-cell-100-series	Cellular/WWAN Gateway	<ul style="list-style-type: none"> ▶Provides cellular connection to VC80 for installations where WiFi may not be available (i.e. spot trucks in yards) ▶Connects to VC80 via USB port. ▶Gateway is powered from VC80 USB port. ▶Supports various cellular carriers - AT&T, Verizon, T-Mobile, Rogers. ▶Not compatible with VC80X (Android) units. 	
Misc				
Part Number	Picture	Description	Notes	Required Items
MT4200		Quick Release Mount	<ul style="list-style-type: none"> ▶Makes it easy to transfer VC80 to another vehicle or remove it for maintenance/repair. ▶No tools are required to dismount device. ▶Device can be removed in as little as 10 seconds ▶Can be used alone, in combination with the Cantilever Mount (MT1002), or Vesa Plate Base (MT3501) ▶Includes Quick Release Mount that attaches to sides of VC80 and Mounting Plate (MT4205) that attaches to forklift. ▶VC80 can be mounted to Quick Release Mount on an angle for easier viewing. ▶Internal P/N 1917726 	
MT4205		Mounting Plate for Quick Release Mount	<ul style="list-style-type: none"> ▶Spare/extra Mounting Plate ▶Allows one VC80 unit to be quickly and easily attached to more than one forklift. ▶Can be mounted to the Cantilever Mount (MT1002) or Vesa Plate Base (MT3501) 	Quick Release Mount (MT4200)

<p>KT-U-MOUNT-VC80-R</p>		<p>U-Mount Bracket with Adapter</p>	<ul style="list-style-type: none"> ▶Bracket uses the same vehicle mounting holes as the VC5090, VC70 (KT-U-MOUNT-VC70-R) and 8585/8595 (MT3421) U-Mount brackets for easy migration.  <ul style="list-style-type: none"> ▶Includes Adapter Bracket for legacy U-Mounts (MNT-VC80-ADPA1-1) ▶Includes mounting hardware 	
<p>MNT-VC80-ADPA1-1</p>		<p>Adapter Brackets for VC5090 U-Mount Bracket</p>	<ul style="list-style-type: none"> ▶Allows VC80 to be used with the VC5090 U-Mount Bracket (90500116-R) ▶Includes mounting hardware 	
<p>MNT-VC80-ADPB1-1</p>		<p>Adapter Brackets for LXE/Honeywell U-Mount Brackets</p>	<ul style="list-style-type: none"> ▶Allows VC80 to be used with LXE/Honeywell U-Mount brackets - HON P/N VM1010BRKTKIT ▶Includes mounting hardware 	
<p>MT4210</p>		<p>Adapter Bracket for 82xx series Quick Release Mount</p>	<ul style="list-style-type: none"> ▶Allows VC80 to be used with the 82XX Series Quick Release Mount (PN 18457 for Mount and PN 17529 for Mounting Plate) 	

MT4301		RAM Mount 4" arm	<ul style="list-style-type: none"> ▶Easily-installed RAM mount allows a terminal to be mounted on any plane of the 360 degree locking system. ▶4" short arm. ▶RAM D-size ball ▶Uses RAM Mount P/N RAM-D-201U-C 	
MT4302		RAM Mount 12" arm	<ul style="list-style-type: none"> ▶Easily-installed RAM mount allows a terminal to be mounted on any plane of the 360 degree locking system. ▶12" long arm. ▶RAM D-size ball ▶Uses RAM Mount P/N RAM-D-201U-E 	
MT4510		RAM rectangular base with 2.25" rubber ball	<ul style="list-style-type: none"> ▶Base will install directly on the back of the VC80 ▶2"x3" base ▶RAM D-size ball ▶Uses RAM Mount P/N RAM-D-202U-23 and includes hardware for mounting to back of VC80 	
MT3501		VESA Plate Base	<ul style="list-style-type: none"> ▶Can be used with the 4" or 12" RAM arm (MT4301 or MT4302) to mount a vehicle mount computer on any plane ▶Can also be attached to Quick Release Mount Plate (MT4205) ▶RAM D-size (2.25") ball connected to a 4.75" square plate with 4x100mm holes and 4x75mm holes in each corner. ▶Includes 4 bolts, nuts, and lock washers ▶Uses RAM Mount P/N RAM-D-246 and includes hardware for attaching to MT4200 Quick Release Mount 	
MT3502		Round Plate Base	<ul style="list-style-type: none"> ▶Can be used with the 4" or 12" RAM arm (MT4301 or MT4302) to mount a vehicle mount computer on any plane ▶RAM D-size ball ▶Uses smaller footprint than MT3501 VESA Plate ▶Uses RAM Mount P/N RAM-D-202U and includes hardware for attaching to MT4200 Quick Release Mount 	
MT3505		Clamp Base (2" max arm/bar)	<ul style="list-style-type: none"> ▶Clamp can be used with the 4" or 12" RAM arm (MT4301 or MT4302) to mount a vehicle mount computer on any plane ▶Clamp the RAM arm on bars with square or rectangular cross section (2" max. width). ▶RAM D-size ball ▶Uses RAM Mount P/N RAM-D-247U-25 	
MT3507		Clamp Base (3" max arm/bar)	<ul style="list-style-type: none"> ▶Clamp can be used with the 4" or 12" RAM arm (MT4301 or MT4302) to mount a vehicle mount computer on any plane ▶Clamp the RAM arm on bars with square or rectangular cross section (3" max. width). ▶RAM D-size ball ▶Uses RAM Mount P/N RAM-D-247U-3 	

MT3509		Rail Base (1-1/4" to 1-7/8" rail)	<ul style="list-style-type: none"> ▶Clamp can be used with the 4" or 12" RAM arm (MT4301 or MT4302) to mount a vehicle mount computer on any plane ▶Clamp the RAM arm on round tubes (1-1/4" to 1-7/8" max. pipe diameter). ▶RAM D-size ball ▶Uses RAM Mount P/N RAM-D-271U-12 	
MT3510		Rail Base (2" to 2-1/2" rail)	<ul style="list-style-type: none"> ▶Clamp can be used with the 4" or 12" RAM arm (MT4301 or MT4302) to mount a vehicle mount computer on any plane ▶Clamp the RAM arm on round tubes (2" to 2 1/2" max. pipe diameter). ▶RAM D-size ball ▶Uses RAM Mount P/N RAM-D-271U-2 	
KT-SPRTCT-VC70-05R		Screen Protector (pack of 5)		
AN2010		External antenna for indoor/outdoor use Dual Band (2.4Ghz/5Ghz)	<ul style="list-style-type: none"> ▶Used when the VC80 is used in indoor/outdoor areas where an externally mounted antenna is needed for better coverage. ▶Dual band, 802.11 a/b/g/n/ac, 2 dBi, RPSMA connector, magnetic mount, 2.9 meter cable 	
AN2020		External antenna for indoor/outdoor use (2.4Ghz only)	<ul style="list-style-type: none"> ▶Used when the VC80 is used in indoor/outdoor areas where an externally mounted antenna is needed for better coverage. ▶2.4 GHz, 802.11 b/g, 5 dBi, RPSMA connector, magnetic mount, 2.9 meter cable 	
AN2030		External antenna for indoor/outdoor use Dual Band (2.4Ghz/5Ghz) Stubby	<ul style="list-style-type: none"> ▶Used when the VC80 is used in indoor/outdoor areas where an externally mounted antenna is needed for better coverage. ▶Whip antenna (stubby), dual band, 802.11 a/b/g/n/ac, 2.4GHz 2dBi, 5GHz 3.7dBi, RPSMA connector ▶Articulating antenna - can be rotated 360 degree and has 3 positive stops: straight, 45° and 90° bend. 	
20667-002		External antenna for indoor/outdoor use (2.4Ghz only) Stubby	<ul style="list-style-type: none"> ▶Used when the VC80 is used in indoor/outdoor areas where an externally mounted antenna is needed for better coverage. ▶Whip antenna (stubby), 802.11 b/g, 2.4GHz 2dBi, RPSMA connector ▶Antenna does not articulate 	

AN000090A01		Spare Active GNSS (GPS) external antenna	<ul style="list-style-type: none"> ▶NOTE: This antenna is already included with VC80 configurations using GPS. ▶Used when the VC80 is used in indoor/outdoor areas where an externally mounted antenna is needed for better coverage. ▶SMA connector, magnetic mount, 2.9 meter cable. ▶Not compatible with VC80X (Android) units. 	
AR1000		Right Angle SMA reverse polarity plug-jack Adapter	Provides additional direction options for external antennas	
SPR-SMA-DC-10		External Antenna Jack Dust Cover (pack of 10)	<ul style="list-style-type: none"> ▶Used to cover external antenna jacks on top of VC80X unit when the internal antennas are used. ▶Prevents dust and dirt from getting into external antenna jacks. ▶Two dust covers will be needed for each VC80X unit. Pack of 10 covers will supply enough covers for five VC80X units. 	
SL0001		Stylus and Stylus Holder		
3rd party *		Locking USB port cover/insert	<ul style="list-style-type: none"> ▶Prevents unauthorized access/use of USB ports on bottom of VC80 ▶Requires "key" to install and remove the USB insert ▶Covers/inserts can be ordered in different colors, each color having a unique "key" 	
http://www.lindy-usa.com/usb-port-blocker-pack-of-4-color-code-white-40454.html				
Power Options				
Part Number	Picture	Description	Notes	Required Items
CA1210		Power Supply Cable	<ul style="list-style-type: none"> ▶Connects to vehicle power supply/battery or PS1370 Voltage Pre-Regulator ▶6 ft. long, waterproof ▶Internal P/N CB000309A01 	
CA1220		Power Supply Cable - with ignition sense	<ul style="list-style-type: none"> ▶Connects to vehicle power supply/battery ▶6 ft. long, waterproof ▶Connects to ignition switch on forklift to suspend device after ignition is turned off ▶Internal P/N CB000308A01 	

CA1230		Power Supply Cable for Pre-Regulator - with ignition sense	<ul style="list-style-type: none"> ►Used with External Voltage Pre-Regulator (PS1370) ►Includes ignition sense cable which can be optionally used to connect to ignition switch on forklift and suspend device after ignition is turned off ►Internal P/N 13985-303 	
CB000416A01		VC70 Power Cable to VH10/VC80 Converter Cable	<ul style="list-style-type: none"> ►Allows VH10 or VC80 to be powered from VC70 power cable ►Allows forklifts wired for VC70 to be easily converted to VH10 or VC80. 	VC70 Power Cable (25-159551-01)
CB000417A01		VC5090 Power Cable to VH10/VC80 Converter Cable	<ul style="list-style-type: none"> ►Allows VH10 or VC80 to be powered from VC5090 power cable ►Allows forklifts wired for VC5090 to be easily converted to VH10 or VC80. 	VC5090 Power Cable (25-71919-xxR)
A9169798		LXE/Honeywell Power Cable to VH10/VC80 Converter Cable	<ul style="list-style-type: none"> ►Allows VH10 or VC80 to be powered from LXE/Honeywell power cable ►Allows forklifts wired for VX8, VX9, VM1, VM2, and VM3 to be easily converted to VH10 or VC80. ►NOTE: Converter Cable is NOT compatible with freezer versions of VH10/VC80. The higher current draw of the heater may exceed the rating of the Honeywell cable. The Honeywell cable must be replaced with the VH10/VC80 dedicated cable (CA1210, CA1220, etc.) instead - refer to PMB 2959. 	
A9169801		LXE/Honeywell Power and Screen Blanking Cable to VH10/VC80 Converter Cable	<ul style="list-style-type: none"> ►Allows VH10 or VC80 to be powered from LXE/Honeywell power cable ►Allows forklifts wired for VX8, VX9, VM1, VM2, and VM3 to be easily converted to VH10 or VC80. ►Screen blanking cable connects to RS232 port. ►NOTE: Converter Cable is NOT compatible with freezer versions of VH10/VC80. The higher current draw of the heater may exceed the rating of the Honeywell cable. The Honeywell cable must be replaced with the VH10/VC80 dedicated cable (CA1210, CA1220, etc.) instead - refer to PMB 2959. 	
PS1370		External Voltage Pre-Regulator	<ul style="list-style-type: none"> ►Allows the installation of the VC80 on electric trucks with batteries greater than 48V ►19-90 VDC in, 15 VDC out, 90 W 	CA1210 (Power Supply Cable) connects vehicle power to PS1370 AND CA1230 (Power Supply Extension cable with Ignition Sense) connects PS1370 to VC80

PS1450		AC Power Supply Kit	<ul style="list-style-type: none"> Includes 100/240 VAC Power Supply and Power Cable Adapter (CA4000) 18V, 3.3A output (for older 1100666 power supply) 10/2016 - Updated to include PWR-BGA12V72W0WWW power supply which replaces 1100666 power supply. New power supply is 12V, 6A, 72W output and meets US DOE Level VI compliance for power efficiency - PMB 2851 	AC Line Cord (23844-00-00R)
PWR-BGA12V72W0WWW		AC Power Supply	<ul style="list-style-type: none"> Used to power device from AC wall outlet. 100-240 VAC, 12V, 6A, 72W Provides US DOE Level VI compliance for power efficiency. Replaces 1100666 Power Supply 	Power Adapter Cable (CA4000) and AC Line Cord (23844-00-00R)
CA4000		Power Cable Adapter	<ul style="list-style-type: none"> CPC connector to 100/240 VAC power supply Included with PS1450 Supply Kit and needed when using PWR-BGA12V72W0WWW Power Supply. 	
PWR-BGA24V150W0WWW		AC Power Supply (High Power)	<ul style="list-style-type: none"> Cable is pre-built with round CPC connector. 24V, 6.25A, 150W output and meets US DOE Level VI compliance. Use with VC80 or VC80x for fixed mount installations in cold environments (to power internal heaters) or for high power peripherals connected to USB/RS232 ports. For most installations, use PS1450. 	AC Line Cord (23844-00-00R)
23844-00-00R		AC Line Cord	<ul style="list-style-type: none"> Used with Power Supply PWR-BGA12V72W0WWW and Power supply PS1450 (when it includes Power Supply PWR-BGA12V72W0WWW). 	
9008693		AC Line Cord	<ul style="list-style-type: none"> Used with PS1450 (when it includes Power Supply 1100666) or PS1400 AC Power Supply 	
Keyboards				
Part Number	Picture	Description	Notes	Required Items

<p>KYBD-QW-VC-01</p>		<p>QWERTY Keyboard</p>	<ul style="list-style-type: none"> ▶Based on the VH10 keyboard design ▶12 direct Function keys with an additional 12 via shift function. ▶Dimmable backlit keys. ▶IP66, -30 to +50 C, condensing - for use in Freezer Applications ▶Build-in heaters and drainage system for error free operations even in heavy condensing environments ▶Industrial keyboard controller with temperature compensation ▶Meets shock/vibrations standards: EN60721-5M3, MIL810F, and Zebra internal testing standards ▶Two available cable lengths allowing the installation close the by VC or away from it. ▶Keyboard elastomer and cable are both field replaceable. ▶Can be mounted on Keyboard Tray (KT-KYBDTRAY-VC80-R) or via RAM mount. 	<p>Keyboard Cable (CBL-VC80-KBUS1-01 or CBL-VC80-KBUS2-01)</p>
<p>KYBD-QW-VC80-S-1</p>		<p>QWERTY Keyboard Kit (short cable)</p>	<ul style="list-style-type: none"> ▶Based on the VH10 keyboard design ▶12 direct Function keys with an additional 12 via shift function. ▶Dimmable backlit keys. ▶IP66, -30 to +50 C, condensing - for use in Freezer Applications ▶Build-in heaters and drainage system for error free operations even in heavy condensing environments ▶Industrial keyboard controller with temperature compensation ▶Meets shock/vibrations standards: EN60721-5M3, MIL810F, and Zebra internal testing standards ▶Short cable (22 cm/~8.5 in) allows installation close the by VC. ▶Keyboard elastomer and cable are both field replaceable. ▶Can be mounted on Keyboard Tray (KT-KYBDTRAY-VC80-R) or via RAM mount. ▶Kit includes QWERTY Keyboard (KYBD-QW-VC-01) and Keyboard Cable (CBL-VC80-KBUS1-01) 	
<p>KYBD-QW-VC80-L-1</p>		<p>QWERTY Keyboard Kit (long cable)</p>	<ul style="list-style-type: none"> ▶Based on the VH10 keyboard design ▶12 direct Function keys with an additional 12 via shift function. ▶Dimmable backlit keys. ▶IP66, -30 to +50 C, condensing - for use in Freezer Applications ▶Build-in heaters and drainage system for error free operations even in heavy condensing environments ▶Industrial keyboard controller with temperature compensation ▶Meets shock/vibrations standards: EN60721-5M3, MIL810F, and Zebra internal testing standards ▶Long cable (300 cm/~10 ft) allows installation farther away from the VC. ▶Keyboard elastomer and cable are both field replaceable. ▶Can be mounted on Keyboard Tray (KT-KYBDTRAY-VC80-R) or via RAM mount. ▶Kit includes QWERTY Keyboard (KYBD-QW-VC-01) and Keyboard Cable (CBL-VC80-KBUS2-01) 	

KYBD-AZ-VC-01		AZERTY Keyboard	<ul style="list-style-type: none"> Based on the VH10 keyboard design 12 direct Function keys with an additional 12 via shift function. Dimmable backlit keys. IP66, -30 to +50 C, condensing - for use in Freezer Applications Build-in heaters and drainage system for error free operations even in heavy condensing environments Industrial keyboard controller with temperature compensation Meets shock/vibrations standards: EN60721-5M3, MIL810F, and Zebra internal testing standards Two available cable lengths allowing the installation close the by VC or away from it. Keyboard elastomer and cable are both field replaceable. Can be mounted on Keyboard Tray (KT-KYBDTRAY-VC80-R) or via RAM mount. 	Keyboard Cable (CBL-VC80-KBUS1-01 or CBL-VC80-KBUS2-01)
CBL-VC80-KBUS1-01		VC80 Short Keyboard Cable for VH10 style keyboard	<ul style="list-style-type: none"> Short Cable length (22 cm / approx. 8.5 in) Typically used when keyboard is mounted directly near the VC (i.e. on Keyboard Tray). 	
CBL-VC80-KBUS2-01		VC80 Long Keyboard Cable for VH10 style keyboard	<ul style="list-style-type: none"> Long Cable length (300 cm / approx. 10 ft) Typically used when keyboard is mounted away from the VC. 	
1616314 (English) 1616315 (French) 1616316 (German) Discontinued 12/2015 - PMB 2723		Small Keyboard	<ul style="list-style-type: none"> Connects to USB port on device 86 keys, includes F1-F10 (F11-F12 shifted) Includes mouse joystick IP65 sealing Cable length is 60 cm (~23") Keys are NOT backlit 	Keyboard Tray (KT-KYBDTRAY-VC80-R) NOTE: Holes in Keyboard Tray will not align with mounting bolts on keyboard. Tray will need additional holes drilled to line up with keyboard bolts
SLK-101-M-USB-3F		iKey Keyboard, 101 key	<ul style="list-style-type: none"> 101 Backlit keys Connects to USB port on device 10-Key Numeric Pad 12 Function Keys Built-In Mounting holes Windows Function Keys NOTE: This is a custom product. Please work with your Zebra representative to open a Custom Product Request (CPR) if you would like to order this item. 	Keyboard Tray (KT-KYBDTRAY-VC80-R)
9010376		iKey Keyboard, English	<ul style="list-style-type: none"> Connects to USB port on device 12 function keys, 86 key functionality Meets NEMA 4X specifications ensuring that keyboard is sealed against the elements or unwanted spills and can be totally washed down. Backlit keys Includes integrated HulaPoint II™ mouse 	Keyboard Tray (KT-KYBDTRAY-VC80-R)
9010377		iKey Color Keyboard, English	<ul style="list-style-type: none"> Connects to USB port on device 8 function keys, 72 key functionality Backlit keys 	Keyboard Tray (KT-KYBDTRAY-VC80-R)

KT-KYBDTRAY-VC80-R		Keyboard Tray	<ul style="list-style-type: none"> ▶Allows iKey or VH10 style keyboards to be mounted under the VC80. ▶Not compatible with Small Keyboard unless additional holes are drilled into tray to line up with mounting bolts on the keyboard. ▶Includes mounting tray, tilting arms, knobs and screws ▶Compatible with Quick Release Mount (MT4200 or MT4210) 	
RAM-246U		RAM Mount base for iKey or VH10 style Keyboards	<ul style="list-style-type: none"> ▶Provides alternate solution to Keyboard Tray ▶1.5" rubber ball (RAM C size), connected to a 4.75" square plate with 4x100mm holes and 4x75mm holes in each corner. ▶Base attaches to forklift ▶Uses RAM Mount P/N RAM-246U 	<ul style="list-style-type: none"> ▶RAM Ball Mount for iKey Keyboards (RAM-202U) ▶RAM Mount arm for iKey Keyboards (RAM-201U)
RAM-201U		RAM Mount 3" arm for iKey or VH10 style Keyboards	<ul style="list-style-type: none"> ▶Provides alternate solution to Keyboard Tray ▶Double socket arm, has a socket at both ends that accommodates 1.5" ball bases (RAM C size). ▶3 inch length ▶A single spring inside the arm opens the end sockets, allowing you to pivot the ball and socket connection. ▶Connects RAM Mount base for iKey Keyboards (RAM-246U) to RAM Ball Mount for iKey Keyboards (RAM-202U) ▶Uses RAM Mount P/N RAM-201U 	<ul style="list-style-type: none"> ▶RAM Mount base for iKey Keyboards (RAM-246U) ▶RAM Ball Mount for iKey Keyboards (RAM-202U) 
RAM-202U		RAM Ball Mount for iKey or VH10 style Keyboards	<ul style="list-style-type: none"> ▶Provides alternate solution to Keyboard Tray ▶1.5" diameter rubber ball (RAM C size) connected to a flat 2.5" diameter base. ▶Mount has pre-drilled holes, including the universal AMPS hole pattern. ▶Attaches to mounting holes on iKey or VH10 style keyboards ▶Uses RAM Mount P/N RAM-202U 	<ul style="list-style-type: none"> ▶RAM Mount base for iKey Keyboards (RAM-246U) ▶RAM Mount arm for iKey Keyboards (RAM-201U)
VC70 style Numeric keyboard				
KYBD-NU-VC70-03R		21-Key Numeric Keyboard	<ul style="list-style-type: none"> ▶Connects to USB port on VC80. Secure locking USB connector screws are not used. ▶21 Backlit keys ▶IP66 sealed ▶Mounts on side of VC80 ▶Includes Keyboard Protection Grill (KT-KYBDGRL2-VC70-R) 	Keypad Mounting Bracket (KT-KYBDMNT-VC80-R)

KT-KYBDMNT-VC80-R		Side Mount Bracket for Numeric Keyboard	<ul style="list-style-type: none"> ►Allows Numeric Keyboard (KYBD-NU-VC70-03R) to be mounted on side of VC80 ►Includes mounting hardware (screws) 	
KT-KYBDGRL2-VC70-R		Keyboard Protection Grill for Numeric keyboard	<ul style="list-style-type: none"> ►This is a spare/replacement Protective Grill. It is normally included with KYBD-NU-VC70-03R. ►Adds extra protection to keys by minimizing the keys' exposure. 	
Replacement Equipment				
Part Number	Picture	Description	Notes	Required Items
KT-VC80-BTRY1-01		Replacement Battery	<ul style="list-style-type: none"> ►Replacement backup battery ►2000 mAh 	
KT-VC80-SCRN1-01		Front Touch Screen (non-heated)	<ul style="list-style-type: none"> ► Includes: <ul style="list-style-type: none"> - VC80 front with touch screen - screws - EMI tape 	Recommend Modular Services Kit (ST2000) to ensure proper tools and screw torque is used.
KT-VC80-SCRH1-01		Front Touch Screen (heated)	<ul style="list-style-type: none"> ► Includes: <ul style="list-style-type: none"> - VC80 front with touch screen - screws - EMI tape 	Recommend Modular Services Kit (ST2000) to ensure proper tools and screw torque is used.
KYBD-QW-SP-01		Replacement QWERTY Keypad for VH10 style keyboard	<ul style="list-style-type: none"> ►Wear Item Replacement for KYBD-QW-VC-01 (includes Elastomer with hard caps) 	
KYBD-AZ-SP-01		Replacement AZERTY Keypad for VH10 style keyboard	<ul style="list-style-type: none"> ►Wear Item Replacement for KYBD-AZ-VC-01 (includes Elastomer with hard caps) 	

Misc Replacement Equipment				
Part Number	Picture	Description	Notes	Required Items
ST2000		Modular Services Kit	<ul style="list-style-type: none"> ►Includes: - ESD safe T6 Torx torque bit - ESD safe T10 Torx torque bit - Phillips #2 torque bit - ESD safe torque driver for bits - ESD mat with wrist strap - Keypad Bezel Removal tool needed to replace modular components such as displays, scanners, radios, keypads, modules, etc. 	



VC8x Series Technical Accessory Guide

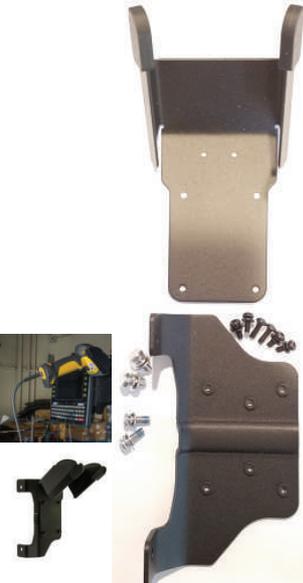


NOTE: This document is only for general reference. Solution Builder and related PMBs should be used for product availability, pricing, and final solution selection.

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Communication Cables and Accessories

Part Number	Picture	Description	Notes	Required Items
CBA-UF8-C12ZAR		VC80 to 36xx Series Scanner Cable (USB)	<ul style="list-style-type: none"> ▶Cable rated for 1.2A current ▶ Coiled cable is 12 ft long when extended ▶Rated to -30°C for freezer environment use. ▶When connected to STB3678/FLB3678, will charge a fully depleted battery in about 4.5 hours if host USB port is BC 1.2 compatible or about 10.5 hours for USB 2.0 host ports. 	
CBA-UF6-C12ZAR		VC80 to 36xx Series Scanner Cable (USB)	<ul style="list-style-type: none"> ▶Cable rated for 1.2A current ▶ Coiled cable is 12 ft long when extended ▶Rated to -30°C for freezer environment use. ▶When connected to STB3678/FLB3678, will charge a fully depleted battery in about 4.5 hours if host USB port is BC 1.2 compatible or about 10.5 hours for USB 2.0 host ports. 	
CBA-U12-C09ZAR		Generic Cable to Scanners 34xx/35xx Cable (USB)	<ul style="list-style-type: none"> ▶Provides enough power for DS3508-ER ▶9 ft long when extended 	
CBA-U09-C15ZAR		Generic Cable to Scanners 34xx/35xx Cable (USB)	<ul style="list-style-type: none"> ▶Provides enough power for DS3508-ER ▶15 ft long when extended 	
CBA-R71-C09ZAR		VC80 to 36xx Series Scanner Cable (Serial)	<ul style="list-style-type: none"> ▶VC80 provides power to scanner on pin 9 (COM 1 port) ▶Provides enough power for DS3608-ER in default power mode. ▶9 ft. coiled cable 	
CBA-RF2-C09ZAR		VC80 to 36xx Series Scanner Cable (Serial) (Freezer Rated)	<ul style="list-style-type: none"> ▶Rated to -30°C for freezer environment use. ▶VC80 provides power to scanner on pin 9 (COM 1 port) ▶Provides enough power for DS3608-ER in default power mode. ▶9 ft. coiled cable 	

CBA-R37-C09ZAR		VC80 to 34xx/35xx Series Scanner Cable (Serial)	<ul style="list-style-type: none"> ▶VC80 provides power to scanner on pin 9 (COM1 or COM2 port) ▶Provides enough power for DS3508-ER. ▶9 ft. coiled cable ▶Includes improved strain relief design from CBA-R36-C09ZAR 	
KT-SCANMNT-VC80-R		Side Mount Scanner Holder	<ul style="list-style-type: none"> ▶Used to mount an external Scanner (i.e. LS/DS 34xx/35xx) on the side of the VC80. ▶Eliminates the need for a scanner Tool Balancer/Pulley ▶Two piece solution - bottom piece pictured attaches to side of VC80. Top piece pictured attaches to bottom piece and holds scanner. ▶Mounting hardware (screws) included. ▶L136xx/DS36xx will not fit properly in this mount unless it is bent a little to make the bracket/mount wider. 	
P1031365-053		QLn Printer Serial Cable	<ul style="list-style-type: none"> ▶Connects to serial port on VC80 ▶6 ft. straight cable 	
P1031365-055		QLn Series Printer USB Cable	<ul style="list-style-type: none"> ▶Connects to USB port on VC80 ▶6 ft. straight cable 	
M1000		External Push-To-Talk (PTT) Speaker Microphone	<ul style="list-style-type: none"> ▶External side-mount PTT microphone and speaker ▶Enables the device to replace a walkie-talkie by voice-over-IP 	
CA1300		Screen Blanking Cable	<ul style="list-style-type: none"> ▶Allows VC80 screen to turn off while vehicle is in motion for enhanced safety ▶Connects to Serial port on VC80 ▶DB9 to open wire ▶Open wires are connected to user/vehicle supplied switch or relay ▶Control Panel option on VC80 enables screen blanking feature. 	

CB-000433-01		CAN Bus Cable	<ul style="list-style-type: none"> ▶RJ45 to Deutsch connector ▶Requires VC80 SKU option with CAN-Bus. ▶Not compatible with VC80X (Android) units. 	
WA4070		Ethernet Adapter for VC80X	<ul style="list-style-type: none"> ▶USB to Ethernet adapter with USB extension cable ▶Compatible with VC80X (Android) units. 	
3rd party *	 http://www.multitech.com/brands/multiconnect-cell-100-series	Cellular/WWAN Gateway	<ul style="list-style-type: none"> ▶Provides cellular connection to VC80 for installations where WiFi may not be available (i.e. spot trucks in yards) ▶Connects to VC80 via USB port. ▶Gateway is powered from VC80 USB port. ▶Supports various cellular carriers - AT&T, Verizon, T-Mobile, Rogers. ▶Not compatible with VC80X (Android) units. 	
Misc				
Part Number	Picture	Description	Notes	Required Items
MT4200		Quick Release Mount	<ul style="list-style-type: none"> ▶Makes it easy to transfer VC80 to another vehicle or remove it for maintenance/repair. ▶No tools are required to dismount device. ▶Device can be removed in as little as 10 seconds ▶Can be used alone, in combination with the Cantilever Mount (MT1002), or Vesa Plate Base (MT3501) ▶Includes Quick Release Mount that attaches to sides of VC80 and Mounting Plate (MT4205) that attaches to forklift. ▶VC80 can be mounted to Quick Release Mount on an angle for easier viewing. ▶Internal P/N 1917726 	
MT4205		Mounting Plate for Quick Release Mount	<ul style="list-style-type: none"> ▶Spare/extra Mounting Plate ▶Allows one VC80 unit to be quickly and easily attached to more than one forklift. ▶Can be mounted to the Cantilever Mount (MT1002) or Vesa Plate Base (MT3501) 	Quick Release Mount (MT4200)

<p>KT-U-MOUNT-VC80-R</p>		<p>U-Mount Bracket with Adapter</p>	<ul style="list-style-type: none"> ▶Bracket uses the same vehicle mounting holes as the VC5090, VC70 (KT-U-MOUNT-VC70-R) and 8585/8595 (MT3421) U-Mount brackets for easy migration.  <ul style="list-style-type: none"> ▶Includes Adapter Bracket for legacy U-Mounts (MNT-VC80-ADPA1-1) ▶Includes mounting hardware 	
<p>MNT-VC80-ADPA1-1</p>		<p>Adapter Brackets for VC5090 U-Mount Bracket</p>	<ul style="list-style-type: none"> ▶Allows VC80 to be used with the VC5090 U-Mount Bracket (90500116-R) ▶Includes mounting hardware 	
<p>MNT-VC80-ADPB1-1</p>		<p>Adapter Brackets for LXE/Honeywell U-Mount Brackets</p>	<ul style="list-style-type: none"> ▶Allows VC80 to be used with LXE/Honeywell U-Mount brackets - HON P/N VM1010BRKTKIT ▶Includes mounting hardware 	
<p>MT4210</p>		<p>Adapter Bracket for 82xx series Quick Release Mount</p>	<ul style="list-style-type: none"> ▶Allows VC80 to be used with the 82XX Series Quick Release Mount (PN 18457 for Mount and PN 17529 for Mounting Plate) 	

MT4301		RAM Mount 4" arm	<ul style="list-style-type: none"> ▶Easily-installed RAM mount allows a terminal to be mounted on any plane of the 360 degree locking system. ▶4" short arm. ▶RAM D-size ball ▶Uses RAM Mount P/N RAM-D-201U-C 	
MT4302		RAM Mount 12" arm	<ul style="list-style-type: none"> ▶Easily-installed RAM mount allows a terminal to be mounted on any plane of the 360 degree locking system. ▶12" long arm. ▶RAM D-size ball ▶Uses RAM Mount P/N RAM-D-201U-E 	
MT4510		RAM rectangular base with 2.25" rubber ball	<ul style="list-style-type: none"> ▶Base will install directly on the back of the VC80 ▶2"x3" base ▶RAM D-size ball ▶Uses RAM Mount P/N RAM-D-202U-23 and includes hardware for mounting to back of VC80 	
MT3501		VESA Plate Base	<ul style="list-style-type: none"> ▶Can be used with the 4" or 12" RAM arm (MT4301 or MT4302) to mount a vehicle mount computer on any plane ▶Can also be attached to Quick Release Mount Plate (MT4205) ▶RAM D-size (2.25") ball connected to a 4.75" square plate with 4x100mm holes and 4x75mm holes in each corner. ▶Includes 4 bolts, nuts, and lock washers ▶Uses RAM Mount P/N RAM-D-246 and includes hardware for attaching to MT4200 Quick Release Mount 	
MT3502		Round Plate Base	<ul style="list-style-type: none"> ▶Can be used with the 4" or 12" RAM arm (MT4301 or MT4302) to mount a vehicle mount computer on any plane ▶RAM D-size ball ▶Uses smaller footprint than MT3501 VESA Plate ▶Uses RAM Mount P/N RAM-D-202U and includes hardware for attaching to MT4200 Quick Release Mount 	
MT3505		Clamp Base (2" max arm/bar)	<ul style="list-style-type: none"> ▶Clamp can be used with the 4" or 12" RAM arm (MT4301 or MT4302) to mount a vehicle mount computer on any plane ▶Clamp the RAM arm on bars with square or rectangular cross section (2" max. width). ▶RAM D-size ball ▶Uses RAM Mount P/N RAM-D-247U-25 	
MT3507		Clamp Base (3" max arm/bar)	<ul style="list-style-type: none"> ▶Clamp can be used with the 4" or 12" RAM arm (MT4301 or MT4302) to mount a vehicle mount computer on any plane ▶Clamp the RAM arm on bars with square or rectangular cross section (3" max. width). ▶RAM D-size ball ▶Uses RAM Mount P/N RAM-D-247U-3 	

MT3509		Rail Base (1-1/4" to 1-7/8" rail)	<ul style="list-style-type: none"> ▶Clamp can be used with the 4" or 12" RAM arm (MT4301 or MT4302) to mount a vehicle mount computer on any plane ▶Clamp the RAM arm on round tubes (1-1/4" to 1-7/8" max. pipe diameter). ▶RAM D-size ball ▶Uses RAM Mount P/N RAM-D-271U-12 	
MT3510		Rail Base (2" to 2-1/2" rail)	<ul style="list-style-type: none"> ▶Clamp can be used with the 4" or 12" RAM arm (MT4301 or MT4302) to mount a vehicle mount computer on any plane ▶Clamp the RAM arm on round tubes (2" to 2 1/2" max. pipe diameter). ▶RAM D-size ball ▶Uses RAM Mount P/N RAM-D-271U-2 	
KT-SPRTCT-VC70-05R		Screen Protector (pack of 5)		
AN2010		External antenna for indoor/outdoor use Dual Band (2.4Ghz/5Ghz)	<ul style="list-style-type: none"> ▶Used when the VC80 is used in indoor/outdoor areas where an externally mounted antenna is needed for better coverage. ▶Dual band, 802.11 a/b/g/n/ac, 2 dBi, RPSMA connector, magnetic mount, 2.9 meter cable 	
AN2020		External antenna for indoor/outdoor use (2.4Ghz only)	<ul style="list-style-type: none"> ▶Used when the VC80 is used in indoor/outdoor areas where an externally mounted antenna is needed for better coverage. ▶2.4 GHz, 802.11 b/g, 5 dBi, RPSMA connector, magnetic mount, 2.9 meter cable 	
AN2030		External antenna for indoor/outdoor use Dual Band (2.4Ghz/5Ghz) Stubby	<ul style="list-style-type: none"> ▶Used when the VC80 is used in indoor/outdoor areas where an externally mounted antenna is needed for better coverage. ▶Whip antenna (stubby), dual band, 802.11 a/b/g/n/ac, 2.4GHz 2dBi, 5GHz 3.7dBi, RPSMA connector ▶Articulating antenna - can be rotated 360 degree and has 3 positive stops: straight, 45° and 90° bend. 	
20667-002		External antenna for indoor/outdoor use (2.4Ghz only) Stubby	<ul style="list-style-type: none"> ▶Used when the VC80 is used in indoor/outdoor areas where an externally mounted antenna is needed for better coverage. ▶Whip antenna (stubby), 802.11 b/g, 2.4GHz 2dBi, RPSMA connector ▶Antenna does not articulate 	

AN000090A01		Spare Active GNSS (GPS) external antenna	<ul style="list-style-type: none"> ▶NOTE: This antenna is already included with VC80 configurations using GPS. ▶Used when the VC80 is used in indoor/outdoor areas where an externally mounted antenna is needed for better coverage. ▶SMA connector, magnetic mount, 2.9 meter cable. ▶Not compatible with VC80X (Android) units. 	
AR1000		Right Angle SMA reverse polarity plug-jack Adapter	Provides additional direction options for external antennas	
SPR-SMA-DC-10		External Antenna Jack Dust Cover (pack of 10)	<ul style="list-style-type: none"> ▶Used to cover external antenna jacks on top of VC80X unit when the internal antennas are used. ▶Prevents dust and dirt from getting into external antenna jacks. ▶Two dust covers will be needed for each VC80X unit. Pack of 10 covers will supply enough covers for five VC80X units. 	
SL0001		Stylus and Stylus Holder		
3rd party *		Locking USB port cover/insert	<ul style="list-style-type: none"> ▶Prevents unauthorized access/use of USB ports on bottom of VC80 ▶Requires "key" to install and remove the USB insert ▶Covers/inserts can be ordered in different colors, each color having a unique "key" 	
http://www.lindy-usa.com/usb-port-blocker-pack-of-4-color-code-white-40454.html				
Power Options				
Part Number	Picture	Description	Notes	Required Items
CA1210		Power Supply Cable	<ul style="list-style-type: none"> ▶Connects to vehicle power supply/battery or PS1370 Voltage Pre-Regulator ▶6 ft. long, waterproof ▶Internal P/N CB000309A01 	
CA1220		Power Supply Cable - with ignition sense	<ul style="list-style-type: none"> ▶Connects to vehicle power supply/battery ▶6 ft. long, waterproof ▶Connects to ignition switch on forklift to suspend device after ignition is turned off ▶Internal P/N CB000308A01 	

CA1230		Power Supply Cable for Pre-Regulator - with ignition sense	<ul style="list-style-type: none"> ►Used with External Voltage Pre-Regulator (PS1370) ►Includes ignition sense cable which can be optionally used to connect to ignition switch on forklift and suspend device after ignition is turned off ►Internal P/N 13985-303 	
CB000416A01		VC70 Power Cable to VH10/VC80 Converter Cable	<ul style="list-style-type: none"> ►Allows VH10 or VC80 to be powered from VC70 power cable ►Allows forklifts wired for VC70 to be easily converted to VH10 or VC80. 	VC70 Power Cable (25-159551-01)
CB000417A01		VC5090 Power Cable to VH10/VC80 Converter Cable	<ul style="list-style-type: none"> ►Allows VH10 or VC80 to be powered from VC5090 power cable ►Allows forklifts wired for VC5090 to be easily converted to VH10 or VC80. 	VC5090 Power Cable (25-71919-xxR)
A9169798		LXE/Honeywell Power Cable to VH10/VC80 Converter Cable	<ul style="list-style-type: none"> ►Allows VH10 or VC80 to be powered from LXE/Honeywell power cable ►Allows forklifts wired for VX8, VX9, VM1, VM2, and VM3 to be easily converted to VH10 or VC80. ►NOTE: Converter Cable is NOT compatible with freezer versions of VH10/VC80. The higher current draw of the heater may exceed the rating of the Honeywell cable. The Honeywell cable must be replaced with the VH10/VC80 dedicated cable (CA1210, CA1220, etc.) instead - refer to PMB 2959. 	
A9169801		LXE/Honeywell Power and Screen Blanking Cable to VH10/VC80 Converter Cable	<ul style="list-style-type: none"> ►Allows VH10 or VC80 to be powered from LXE/Honeywell power cable ►Allows forklifts wired for VX8, VX9, VM1, VM2, and VM3 to be easily converted to VH10 or VC80. ►Screen blanking cable connects to RS232 port. ►NOTE: Converter Cable is NOT compatible with freezer versions of VH10/VC80. The higher current draw of the heater may exceed the rating of the Honeywell cable. The Honeywell cable must be replaced with the VH10/VC80 dedicated cable (CA1210, CA1220, etc.) instead - refer to PMB 2959. 	
PS1370		External Voltage Pre-Regulator	<ul style="list-style-type: none"> ►Allows the installation of the VC80 on electric trucks with batteries greater than 48V ►19-90 VDC in, 15 VDC out, 90 W 	CA1210 (Power Supply Cable) connects vehicle power to PS1370 AND CA1230 (Power Supply Extension cable with Ignition Sense) connects PS1370 to VC80

PS1450		AC Power Supply Kit	<ul style="list-style-type: none"> Includes 100/240 VAC Power Supply and Power Cable Adapter (CA4000) 18V, 3.3A output (for older 1100666 power supply) 10/2016 - Updated to include PWR-BGA12V72W0WWW power supply which replaces 1100666 power supply. New power supply is 12V, 6A, 72W output and meets US DOE Level VI compliance for power efficiency - PMB 2851 	AC Line Cord (23844-00-00R)
PWR-BGA12V72W0WWW		AC Power Supply	<ul style="list-style-type: none"> Used to power device from AC wall outlet. 100-240 VAC, 12V, 6A, 72W Provides US DOE Level VI compliance for power efficiency. Replaces 1100666 Power Supply 	Power Adapter Cable (CA4000) and AC Line Cord (23844-00-00R)
CA4000		Power Cable Adapter	<ul style="list-style-type: none"> CPC connector to 100/240 VAC power supply Included with PS1450 Supply Kit and needed when using PWR-BGA12V72W0WWW Power Supply. 	
PWR-BGA24V150W0WWW		AC Power Supply (High Power)	<ul style="list-style-type: none"> Cable is pre-built with round CPC connector. 24V, 6.25A, 150W output and meets US DOE Level VI compliance. Use with VC80 or VC80x for fixed mount installations in cold environments (to power internal heaters) or for high power peripherals connected to USB/RS232 ports. For most installations, use PS1450. 	AC Line Cord (23844-00-00R)
23844-00-00R		AC Line Cord	<ul style="list-style-type: none"> Used with Power Supply PWR-BGA12V72W0WWW and Power supply PS1450 (when it includes Power Supply PWR-BGA12V72W0WWW). 	
9008693		AC Line Cord	<ul style="list-style-type: none"> Used with PS1450 (when it includes Power Supply 1100666) or PS1400 AC Power Supply 	
Keyboards				
Part Number	Picture	Description	Notes	Required Items

<p>KYBD-QW-VC-01</p>		<p>QWERTY Keyboard</p>	<ul style="list-style-type: none"> ▶Based on the VH10 keyboard design ▶12 direct Function keys with an additional 12 via shift function. ▶Dimmable backlit keys. ▶IP66, -30 to +50 C, condensing - for use in Freezer Applications ▶Build-in heaters and drainage system for error free operations even in heavy condensing environments ▶Industrial keyboard controller with temperature compensation ▶Meets shock/vibrations standards: EN60721-5M3, MIL810F, and Zebra internal testing standards ▶Two available cable lengths allowing the installation close the by VC or away from it. ▶Keyboard elastomer and cable are both field replaceable. ▶Can be mounted on Keyboard Tray (KT-KYBDTRAY-VC80-R) or via RAM mount. 	<p>Keyboard Cable (CBL-VC80-KBUS1-01 or CBL-VC80-KBUS2-01)</p>
<p>KYBD-QW-VC80-S-1</p>		<p>QWERTY Keyboard Kit (short cable)</p>	<ul style="list-style-type: none"> ▶Based on the VH10 keyboard design ▶12 direct Function keys with an additional 12 via shift function. ▶Dimmable backlit keys. ▶IP66, -30 to +50 C, condensing - for use in Freezer Applications ▶Build-in heaters and drainage system for error free operations even in heavy condensing environments ▶Industrial keyboard controller with temperature compensation ▶Meets shock/vibrations standards: EN60721-5M3, MIL810F, and Zebra internal testing standards ▶Short cable (22 cm/~8.5 in) allows installation close the by VC. ▶Keyboard elastomer and cable are both field replaceable. ▶Can be mounted on Keyboard Tray (KT-KYBDTRAY-VC80-R) or via RAM mount. ▶Kit includes QWERTY Keyboard (KYBD-QW-VC-01) and Keyboard Cable (CBL-VC80-KBUS1-01) 	
<p>KYBD-QW-VC80-L-1</p>		<p>QWERTY Keyboard Kit (long cable)</p>	<ul style="list-style-type: none"> ▶Based on the VH10 keyboard design ▶12 direct Function keys with an additional 12 via shift function. ▶Dimmable backlit keys. ▶IP66, -30 to +50 C, condensing - for use in Freezer Applications ▶Build-in heaters and drainage system for error free operations even in heavy condensing environments ▶Industrial keyboard controller with temperature compensation ▶Meets shock/vibrations standards: EN60721-5M3, MIL810F, and Zebra internal testing standards ▶Long cable (300 cm/~10 ft) allows installation farther away from the VC. ▶Keyboard elastomer and cable are both field replaceable. ▶Can be mounted on Keyboard Tray (KT-KYBDTRAY-VC80-R) or via RAM mount. ▶Kit includes QWERTY Keyboard (KYBD-QW-VC-01) and Keyboard Cable (CBL-VC80-KBUS2-01) 	

KYBD-AZ-VC-01		AZERTY Keyboard	<ul style="list-style-type: none"> Based on the VH10 keyboard design 12 direct Function keys with an additional 12 via shift function. Dimmable backlit keys. IP66, -30 to +50 C, condensing - for use in Freezer Applications Build-in heaters and drainage system for error free operations even in heavy condensing environments Industrial keyboard controller with temperature compensation Meets shock/vibrations standards: EN60721-5M3, MIL810F, and Zebra internal testing standards Two available cable lengths allowing the installation close the by VC or away from it. Keyboard elastomer and cable are both field replaceable. Can be mounted on Keyboard Tray (KT-KYBDTRAY-VC80-R) or via RAM mount. 	Keyboard Cable (CBL-VC80-KBUS1-01 or CBL-VC80-KBUS2-01)
CBL-VC80-KBUS1-01		VC80 Short Keyboard Cable for VH10 style keyboard	<ul style="list-style-type: none"> Short Cable length (22 cm / approx. 8.5 in) Typically used when keyboard is mounted directly near the VC (i.e. on Keyboard Tray). 	
CBL-VC80-KBUS2-01		VC80 Long Keyboard Cable for VH10 style keyboard	<ul style="list-style-type: none"> Long Cable length (300 cm / approx. 10 ft) Typically used when keyboard is mounted away from the VC. 	
1616314 (English) 1616315 (French) 1616316 (German) Discontinued 12/2015 - PMB 2723		Small Keyboard	<ul style="list-style-type: none"> Connects to USB port on device 86 keys, includes F1-F10 (F11-F12 shifted) Includes mouse joystick IP65 sealing Cable length is 60 cm (~23") Keys are NOT backlit 	Keyboard Tray (KT-KYBDTRAY-VC80-R) NOTE: Holes in Keyboard Tray will not align with mounting bolts on keyboard. Tray will need additional holes drilled to line up with keyboard bolts
SLK-101-M-USB-3F		iKey Keyboard, 101 key	<ul style="list-style-type: none"> 101 Backlit keys Connects to USB port on device 10-Key Numeric Pad 12 Function Keys Built-In Mounting holes Windows Function Keys NOTE: This is a custom product. Please work with your Zebra representative to open a Custom Product Request (CPR) if you would like to order this item. 	Keyboard Tray (KT-KYBDTRAY-VC80-R)
9010376		iKey Keyboard, English	<ul style="list-style-type: none"> Connects to USB port on device 12 function keys, 86 key functionality Meets NEMA 4X specifications ensuring that keyboard is sealed against the elements or unwanted spills and can be totally washed down. Backlit keys Includes integrated HulaPoint II™ mouse 	Keyboard Tray (KT-KYBDTRAY-VC80-R)
9010377		iKey Color Keyboard, English	<ul style="list-style-type: none"> Connects to USB port on device 8 function keys, 72 key functionality Backlit keys 	Keyboard Tray (KT-KYBDTRAY-VC80-R)

KT-KYBDTRAY-VC80-R		Keyboard Tray	<ul style="list-style-type: none"> ▶Allows iKey or VH10 style keyboards to be mounted under the VC80. ▶Not compatible with Small Keyboard unless additional holes are drilled into tray to line up with mounting bolts on the keyboard. ▶Includes mounting tray, tilting arms, knobs and screws ▶Compatible with Quick Release Mount (MT4200 or MT4210) 	
RAM-246U		RAM Mount base for iKey or VH10 style Keyboards	<ul style="list-style-type: none"> ▶Provides alternate solution to Keyboard Tray ▶1.5" rubber ball (RAM C size), connected to a 4.75" square plate with 4x100mm holes and 4x75mm holes in each corner. ▶Base attaches to forklift ▶Uses RAM Mount P/N RAM-246U 	<ul style="list-style-type: none"> ▶RAM Ball Mount for iKey Keyboards (RAM-202U) ▶RAM Mount arm for iKey Keyboards (RAM-201U)
RAM-201U		RAM Mount 3" arm for iKey or VH10 style Keyboards	<ul style="list-style-type: none"> ▶Provides alternate solution to Keyboard Tray ▶Double socket arm, has a socket at both ends that accommodates 1.5" ball bases (RAM C size). ▶3 inch length ▶A single spring inside the arm opens the end sockets, allowing you to pivot the ball and socket connection. ▶Connects RAM Mount base for iKey Keyboards (RAM-246U) to RAM Ball Mount for iKey Keyboards (RAM-202U) ▶Uses RAM Mount P/N RAM-201U 	<ul style="list-style-type: none"> ▶RAM Mount base for iKey Keyboards (RAM-246U) ▶RAM Ball Mount for iKey Keyboards (RAM-202U) 
RAM-202U		RAM Ball Mount for iKey or VH10 style Keyboards	<ul style="list-style-type: none"> ▶Provides alternate solution to Keyboard Tray ▶1.5" diameter rubber ball (RAM C size) connected to a flat 2.5" diameter base. ▶Mount has pre-drilled holes, including the universal AMPS hole pattern. ▶Attaches to mounting holes on iKey or VH10 style keyboards ▶Uses RAM Mount P/N RAM-202U 	<ul style="list-style-type: none"> ▶RAM Mount base for iKey Keyboards (RAM-246U) ▶RAM Mount arm for iKey Keyboards (RAM-201U)
VC70 style Numeric keyboard				
KYBD-NU-VC70-03R		21-Key Numeric Keyboard	<ul style="list-style-type: none"> ▶Connects to USB port on VC80. Secure locking USB connector screws are not used. ▶21 Backlit keys ▶IP66 sealed ▶Mounts on side of VC80 ▶Includes Keyboard Protection Grill (KT-KYBDGRL2-VC70-R) 	Keypad Mounting Bracket (KT-KYBDMNT-VC80-R)

KT-KYBDMNT-VC80-R		Side Mount Bracket for Numeric Keyboard	<ul style="list-style-type: none"> ►Allows Numeric Keyboard (KYBD-NU-VC70-03R) to be mounted on side of VC80 ►Includes mounting hardware (screws) 	
KT-KYBDGRL2-VC70-R		Keyboard Protection Grill for Numeric keyboard	<ul style="list-style-type: none"> ►This is a spare/replacement Protective Grill. It is normally included with KYBD-NU-VC70-03R. ►Adds extra protection to keys by minimizing the keys' exposure. 	
Replacement Equipment				
Part Number	Picture	Description	Notes	Required Items
KT-VC80-BTRY1-01		Replacement Battery	<ul style="list-style-type: none"> ►Replacement backup battery ►2000 mAh 	
KT-VC80-SCRN1-01		Front Touch Screen (non-heated)	<ul style="list-style-type: none"> ► Includes: <ul style="list-style-type: none"> - VC80 front with touch screen - screws - EMI tape 	Recommend Modular Services Kit (ST2000) to ensure proper tools and screw torque is used.
KT-VC80-SCRH1-01		Front Touch Screen (heated)	<ul style="list-style-type: none"> ► Includes: <ul style="list-style-type: none"> - VC80 front with touch screen - screws - EMI tape 	Recommend Modular Services Kit (ST2000) to ensure proper tools and screw torque is used.
KYBD-QW-SP-01		Replacement QWERTY Keypad for VH10 style keyboard	<ul style="list-style-type: none"> ►Wear Item Replacement for KYBD-QW-VC-01 (includes Elastomer with hard caps) 	
KYBD-AZ-SP-01		Replacement AZERTY Keypad for VH10 style keyboard	<ul style="list-style-type: none"> ►Wear Item Replacement for KYBD-AZ-VC-01 (includes Elastomer with hard caps) 	

Misc Replacement Equipment				
Part Number	Picture	Description	Notes	Required Items
ST2000		Modular Services Kit	<ul style="list-style-type: none"> ►Includes: - ESD safe T6 Torx torque bit - ESD safe T10 Torx torque bit - Phillips #2 torque bit - ESD safe torque driver for bits - ESD mat with wrist strap - Keypad Bezel Removal tool needed to replace modular components such as displays, scanners, radios, keypads, modules, etc. 	