



## 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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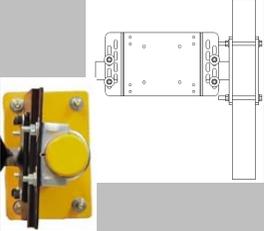
### Communication Cables and Accessories

Part Number	Picture	Description	Notes	Required Items
CBA-UF8-C12ZAR		VC80 to 36xx Series Scanner Cable (USB)	<ul style="list-style-type: none"> <li>▶Cable rated for 1.2A current</li> <li>▶ Coiled cable is 12 ft long when extended</li> <li>▶Rated to -30°C for freezer environment use.</li> <li>▶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.</li> </ul>	
CBA-UF6-C12ZAR		VC80 to 36xx Series Scanner Cable (USB)	<ul style="list-style-type: none"> <li>▶Cable rated for 1.2A current</li> <li>▶ Coiled cable is 12 ft long when extended</li> <li>▶Rated to -30°C for freezer environment use.</li> <li>▶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.</li> </ul>	
CBA-U12-C09ZAR		Generic Cable to Scanners 34xx/35xx Cable (USB)	<ul style="list-style-type: none"> <li>▶Provides enough power for DS3508-ER</li> <li>▶9 ft long when extended</li> </ul>	
CBA-U09-C15ZAR		Generic Cable to Scanners 34xx/35xx Cable (USB)	<ul style="list-style-type: none"> <li>▶Provides enough power for DS3508-ER</li> <li>▶15 ft long when extended</li> </ul>	
CBA-R71-C09ZAR		VC80 to 36xx Series Scanner Cable (Serial)	<ul style="list-style-type: none"> <li>▶VC80 provides power to scanner on pin 9 (COM 1 port)</li> <li>▶Provides enough power for DS3608-ER in default power mode.</li> <li>▶9 ft. coiled cable</li> </ul>	
CBA-RF2-C09ZAR		VC80 to 36xx Series Scanner Cable (Serial) (Freezer Rated)	<ul style="list-style-type: none"> <li>▶Rated to -30°C for freezer environment use.</li> <li>▶VC80 provides power to scanner on pin 9 (COM 1 port)</li> <li>▶Provides enough power for DS3608-ER in default power mode.</li> <li>▶9 ft. coiled cable</li> </ul>	

CBA-R37-C09ZAR		VC80 to 34xx/35xx Series Scanner Cable (Serial)	<ul style="list-style-type: none"> <li>▶VC80 provides power to scanner on pin 9 (COM1 or COM2 port)</li> <li>▶Provides enough power for DS3508-ER.</li> <li>▶9 ft. coiled cable</li> <li>▶Includes improved strain relief design from CBA-R36-C09ZAR</li> </ul>	
CBA-R36-C09ZAR		VC80 to 34xx/35xx Series Scanner Cable (Serial)	<ul style="list-style-type: none"> <li>▶Discontinued 3/2013, now use CBA-R37-C09ZAR</li> <li>▶VC80 provides power to scanner on pin 9 (COM1 or COM2 port)</li> <li>▶Provides enough power for DS3508-ER.</li> <li>▶9 ft. coiled cable</li> </ul>	
KT-SCANMNT-VC80-R		Side Mount Scanner Holder	<ul style="list-style-type: none"> <li>▶Used to mount an external Scanner (i.e. LS/DS 34xx/35xx) on the side of the VC80.</li> <li>▶Eliminates the need for a scanner Tool Balancer/Pulley</li> <li>▶Two piece solution - bottom piece pictured attaches to side of VC80. Top piece pictured attaches to bottom piece and holds scanner.</li> <li>▶Mounting hardware (screws) included.</li> <li>▶L136xx/DS36xx will not fit properly in this mount unless it is bent a little to make the bracket/mount wider.</li> </ul>	
P1031365-053		QLn Printer Serial Cable	<ul style="list-style-type: none"> <li>▶Connects to serial port on VC80</li> <li>▶6 ft. straight cable</li> </ul>	
P1031365-055		QLn Series Printer USB Cable	<ul style="list-style-type: none"> <li>▶Connects to USB port on VC80</li> <li>▶6 ft. straight cable</li> </ul>	
M1000		External Push-To-Talk (PTT) Speaker Microphone	<ul style="list-style-type: none"> <li>▶External side-mount PTT microphone and speaker</li> <li>▶Enables the device to replace a walkie-talkie by voice-over-IP</li> </ul>	

CA1300		Screen Blanking Cable	<ul style="list-style-type: none"> <li>Allows VC80 screen to turn off while vehicle is in motion for enhanced safety</li> <li>Connects to Serial port on VC80</li> <li>DB9 to open wire</li> <li>Open wires are connected to user/vehicle supplied switch or relay</li> <li>Control Panel option on VC80 enables screen blanking feature.</li> </ul>	
CB-000433-01		CAN Bus Cable	<ul style="list-style-type: none"> <li>RJ45 to Deutsch connector</li> <li>Requires VC80 SKU option with CAN-Bus.</li> <li>Not compatible with VC80X (Android) units.</li> </ul>	
WA4070		Ethernet Adapter for VC80X	<ul style="list-style-type: none"> <li>USB to Ethernet adapter with USB extension cable</li> <li>Compatible with VC80X (Android) units.</li> </ul>	
3rd party *	 <a href="http://www.multitech.com/brands/multiconnect-cell-100-series">http://www.multitech.com/brands/multiconnect-cell-100-series</a>	Cellular/WWAN Gateway	<ul style="list-style-type: none"> <li>Provides cellular connection to VC80 for installations where WiFi may not be available (i.e. spot trucks in yards)</li> <li>Connects to VC80 via USB port.</li> <li>Gateway is powered from VC80 USB port.</li> <li>Supports various cellular carriers - AT&amp;T, Verizon, T-Mobile, Rogers.</li> <li>Not compatible with VC80X (Android) units.</li> </ul>	
<b>Misc</b>				
<b>Part Number</b>	<b>Picture</b>	<b>Description</b>	<b>Notes</b>	<b>Required Items</b>
MT4200		Quick Release Mount	<ul style="list-style-type: none"> <li>Makes it easy to transfer VC80 to another vehicle or remove it for maintenance/repair.</li> <li>No tools are required to dismount device.</li> <li>Device can be removed in as little as 10 seconds</li> <li>Can be used alone, in combination with the Cantilever Mount (MT1002), or Vesa Plate Base (MT3501)</li> <li>Includes Quick Release Mount that attaches to sides of VC80 and Mounting Plate (MT4205) that attaches to forklift.</li> <li>VC80 can be mounted to Quick Release Mount on an angle for easier viewing.</li> <li>Internal P/N 1917726</li> </ul>	
MT4205		Mounting Plate for Quick Release Mount	<ul style="list-style-type: none"> <li>Spare/extra Mounting Plate</li> <li>Allows one VC80 unit to be quickly and easily attached to more than one forklift.</li> <li>Can be mounted to the Cantilever Mount (MT1002) or Vesa Plate Base (MT3501)</li> </ul>	Quick Release Mount (MT4200)

<p>KT-U-MOUNT-VC80-R</p>		<p>U-Mount Bracket with Adapter</p>	<ul style="list-style-type: none"> <li>▶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.</li> </ul>  <ul style="list-style-type: none"> <li>▶Includes Adapter Bracket for legacy U-Mounts (MNT-VC80-ADPA1-1)</li> <li>▶Includes mounting hardware</li> </ul>	
<p>MT3410</p>		<p>Heavy Duty Mount Kit</p>	<ul style="list-style-type: none"> <li>▶Discontinued 4/2015</li> <li>▶Allows VC80 to be angled in three positions, as needed (0°, 15°, and 30°)</li> </ul>	<p>Adapter Bracket for 82xx series Quick Release Mount (MT4210)</p>
<p>MNT-VC80-ADPA1-1</p>		<p>Adapter Brackets for VC5090 U-Mount Bracket</p>	<ul style="list-style-type: none"> <li>▶Allows VC80 to be used with the VC5090 U-Mount Bracket (90500116-R)</li> <li>▶Includes mounting hardware</li> </ul>	
<p>MNT-VC80-ADPB1-1</p>		<p>Adapter Brackets for LXE/Honeywell U-Mount Brackets</p>	<ul style="list-style-type: none"> <li>▶Allows VC80 to be used with LXE/Honeywell U-Mount brackets - HON P/N VM1010BRKTKIT</li> <li>▶Includes mounting hardware</li> </ul>	

MT4210		Adapter Bracket for 82xx series Quick Release Mount	<ul style="list-style-type: none"> <li>Allows VC80 to be used with the 82XX Series Quick Release Mount (PN 18457 for Mount and PN 17529 for Mounting Plate)</li> </ul>	
MT1002		Cantilever Mount	<ul style="list-style-type: none"> <li>Discontinued 12/2015 - PMB 2723</li> <li>Attaches to fork lift pole</li> <li>Includes mounting hardware</li> <li>VC80 can be attached to the mount's VESA plate using:               <ol style="list-style-type: none"> <li>Quick Release Mount (MT4200 and MT4205)</li> </ol>               or               <ol style="list-style-type: none"> <li>RAM mount arm (MT3501, MT4301/MT4302, and MT4510)</li> </ol> </li> </ul>	
MT4301		RAM Mount 4" arm	<ul style="list-style-type: none"> <li>Easily-installed RAM mount allows a terminal to be mounted on any plane of the 360 degree locking system.</li> <li>4" short arm.</li> <li>RAM D-size ball</li> <li>Uses RAM Mount P/N RAM-D-201 U-C</li> </ul>	
MT4302		RAM Mount 12" arm	<ul style="list-style-type: none"> <li>Easily-installed RAM mount allows a terminal to be mounted on any plane of the 360 degree locking system.</li> <li>12" long arm.</li> <li>RAM D-size ball</li> <li>Uses RAM Mount P/N RAM-D-201 U-E</li> </ul>	
MT4510		RAM rectangular base with 2.25" rubber ball	<ul style="list-style-type: none"> <li>Base will install directly on the back of the VC80</li> <li>2"x3" base</li> <li>RAM D-size ball</li> <li>Uses RAM Mount P/N RAM-D-202U-23 and includes hardware for mounting to back of VC80</li> </ul>	
MT3501		VESA Plate Base	<ul style="list-style-type: none"> <li>Can be used with the 4" or 12" RAM arm (MT4301 or MT4302) to mount a vehicle mount computer on any plane</li> <li>Can also be attached to Quick Release Mount Plate (MT4205)</li> <li>RAM D-size (2.25") ball connected to a 4.75" square plate with 4x100mm holes and 4x75mm holes in each corner.</li> <li>Includes 4 bolts, nuts, and lock washers</li> <li>Uses RAM Mount P/N RAM-D-246 and includes hardware for attaching to MT4200 Quick Release Mount</li> </ul>	
MT3502		Round Plate Base	<ul style="list-style-type: none"> <li>Can be used with the 4" or 12" RAM arm (MT4301 or MT4302) to mount a vehicle mount computer on any plane</li> <li>RAM D-size ball</li> <li>Uses smaller footprint than MT3501 VESA Plate</li> <li>Uses RAM Mount P/N RAM-D-202U and includes hardware for attaching to MT4200 Quick Release Mount</li> </ul>	

MT3505		Clamp Base (2" max arm/bar)	<ul style="list-style-type: none"> <li>Clamp can be used with the 4" or 12" RAM arm (MT4301 or MT4302) to mount a vehicle mount computer on any plane</li> <li>Clamp the RAM arm on bars with square or rectangular cross section (2" max. width).</li> <li>RAM D-size ball</li> <li>Uses RAM Mount P/N RAM-D-247U-25</li> </ul>	
MT3507		Clamp Base (3" max arm/bar)	<ul style="list-style-type: none"> <li>Clamp can be used with the 4" or 12" RAM arm (MT4301 or MT4302) to mount a vehicle mount computer on any plane</li> <li>Clamp the RAM arm on bars with square or rectangular cross section (3" max. width).</li> <li>RAM D-size ball</li> <li>Uses RAM Mount P/N RAM-D-247U-3</li> </ul>	
MT3509		Rail Base (1-1/4" to 1-7/8" rail)	<ul style="list-style-type: none"> <li>Clamp can be used with the 4" or 12" RAM arm (MT4301 or MT4302) to mount a vehicle mount computer on any plane</li> <li>Clamp the RAM arm on round tubes (1-1/4" to 1-7/8" max. pipe diameter).</li> <li>RAM D-size ball</li> <li>Uses RAM Mount P/N RAM-D-271U-12</li> </ul>	
MT3510		Rail Base (2" to 2-1/2" rail)	<ul style="list-style-type: none"> <li>Clamp can be used with the 4" or 12" RAM arm (MT4301 or MT4302) to mount a vehicle mount computer on any plane</li> <li>Clamp the RAM arm on round tubes (2" to 2 1/2" max. pipe diameter).</li> <li>RAM D-size ball</li> <li>Uses RAM Mount P/N RAM-D-271U-2</li> </ul>	
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"> <li>Used when the VC80 is used in indoor/outdoor areas where an externally mounted antenna is needed for better coverage.</li> <li>Dual band, 802.11a/b/g/n/ac, 2 dBi, RPSMA connector, magnetic mount, 2.9 meter cable</li> </ul>	
AN2020		External antenna for indoor/outdoor use (2.4Ghz only)	<ul style="list-style-type: none"> <li>Used when the VC80 is used in indoor/outdoor areas where an externally mounted antenna is needed for better coverage.</li> <li>2.4 GHz, 802.11 b/g, 5 dBi, RPSMA connector, magnetic mount, 2.9 meter cable</li> </ul>	

AN2030		External antenna for indoor/outdoor use Dual Band (2.4Ghz/5Ghz) Stubby	<ul style="list-style-type: none"> <li>Used when the VC80 is used in indoor/outdoor areas where an externally mounted antenna is needed for better coverage.</li> <li>Whip antenna (stubby), dual band, 802.11 a/b/g/n/ac, 2.4GHz 2dBi, 5GHz 3.7dBi, RPSMA connector</li> <li>Articulating antenna - can be rotated 360 degree and has 3 positive stops: straight, 45° and 90° bend.</li> </ul>	
20667-002		External antenna for indoor/outdoor use (2.4Ghz only) Stubby	<ul style="list-style-type: none"> <li>Used when the VC80 is used in indoor/outdoor areas where an externally mounted antenna is needed for better coverage.</li> <li>Whip antenna (stubby), 802.11 b/g, 2.4GHz 2dBi, RPSMA connector</li> <li>Antenna does not articulate</li> </ul>	
AN000090A01		Spare Active GNSS (GPS) external antenna	<ul style="list-style-type: none"> <li>NOTE: This antenna is already included with VC80 configurations using GPS.</li> <li>Used when the VC80 is used in indoor/outdoor areas where an externally mounted antenna is needed for better coverage.</li> <li>SMA connector, magnetic mount, 2.9 meter cable.</li> <li>Not compatible with VC80X (Android) units.</li> </ul>	
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"> <li>Used to cover external antenna jacks on top of VC80X unit when the internal antennas are used.</li> <li>Prevents dust and dirt from getting into external antenna jacks.</li> <li>Two dust covers will be needed for each VC80X unit. Pack of 10 covers will supply enough covers for five VC80X units.</li> </ul>	
SL0001		Stylus and Stylus Holder		
3rd party *		Locking USB port cover/insert	<ul style="list-style-type: none"> <li>Prevents unauthorized access/use of USB ports on bottom of VC80</li> <li>Requires "key" to install and remove the USB insert</li> <li>Covers/inserts can be ordered in different colors, each color having a unique "key"</li> </ul>	
<a href="http://www.lindy-usa.com/usb-port-blocker-pack-of-4-color-code-white-40454.html">http://www.lindy-usa.com/usb-port-blocker-pack-of-4-color-code-white-40454.html</a>				
<b>Power Options</b>				
<b>Part Number</b>	<b>Picture</b>	<b>Description</b>	<b>Notes</b>	<b>Required Items</b>

CA1210		Power Supply Cable	<ul style="list-style-type: none"> <li>Connects to vehicle power supply/battery or PS1370 Voltage Pre-Regulator</li> <li>6 ft. long, waterproof</li> <li>Internal P/N CB000309A01</li> </ul>	
CA1220		Power Supply Cable - with ignition sense	<ul style="list-style-type: none"> <li>Connects to vehicle power supply/battery</li> <li>6 ft. long, waterproof</li> <li>Connects to ignition switch on forklift to suspend device after ignition is turned off</li> <li>Internal P/N CB000308A01</li> </ul>	
CA1230		Power Supply Cable for Pre-Regulator - with ignition sense	<ul style="list-style-type: none"> <li>Used with External Voltage Pre-Regulator (PS1370)</li> <li>Includes ignition sense cable which can be optionally used to connect to ignition switch on forklift and suspend device after ignition is turned off</li> <li>Internal P/N 13985-303</li> </ul>	
CB000416A01		VC70 Power Cable to VH10/VC80 Converter Cable	<ul style="list-style-type: none"> <li>Allows VH10 or VC80 to be powered from VC70 power cable</li> <li>Allows forklifts wired for VC70 to be easily converted to VH10 or VC80.</li> </ul>	VC70 Power Cable (25-159551-01)
CB000417A01		VC5090 Power Cable to VH10/VC80 Converter Cable	<ul style="list-style-type: none"> <li>Allows VH10 or VC80 to be powered from VC5090 power cable</li> <li>Allows forklifts wired for VC5090 to be easily converted to VH10 or VC80.</li> </ul>	VC5090 Power Cable (25-71919-xxR)
A9169798		LXE/Honeywell Power Cable to VH10/VC80 Converter Cable	<ul style="list-style-type: none"> <li>Allows VH10 or VC80 to be powered from LXE/Honeywell power cable</li> <li>Allows forklifts wired for VX8, VX9, VM1, VM2, and VM3 to be easily converted to VH10 or VC80.</li> <li>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.</li> </ul>	

A9169801		LXE/Honeywell Power and Screen Blanking Cable to VH10/VC80 Converter Cable	<ul style="list-style-type: none"> <li>Allows VH10 or VC80 to be powered from LXE/Honeywell power cable</li> <li>Allows forklifts wired for VX8, VX9, VM1, VM2, and VM3 to be easily converted to VH10 or VC80.</li> <li>Screen blanking cable connects to RS232 port.</li> <li>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.</li> </ul>	
PS1370		External Voltage Pre-Regulator	<ul style="list-style-type: none"> <li>Allows the installation of the VC80 on electric trucks with batteries greater than 48V</li> <li>19-90 VDC in, 15 VDC out, 90 W</li> </ul>	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"> <li>Includes 100/240 VAC Power Supply and Power Cable Adapter (CA4000)</li> <li>18V, 3.3A output (for older 1100666 power supply)</li> <li>10/2016 - Updated to include PWR-BGA12V72W0WW 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</li> </ul>	AC Line Cord (23844-00-00R)
PWR-BGA12V72W0WW		AC Power Supply	<ul style="list-style-type: none"> <li>Used to power device from AC wall outlet.</li> <li>100-240 VAC, 12V, 6A, 72W</li> <li>Provides US DOE Level VI compliance for power efficiency.</li> <li>Replaces 1100666 Power Supply</li> </ul>	Power Adapter Cable (CA4000) and AC Line Cord (23844-00-00R)
CA4000		Power Cable Adapter	<ul style="list-style-type: none"> <li>CPC connector to 100/240 VAC power supply</li> <li>Included with PS1450 Supply Kit and needed when using PWR-BGA12V72W0WW Power Supply.</li> </ul>	
PWR-BGA24V150W0WW		AC Power Supply (High Power)	<ul style="list-style-type: none"> <li>Cable is pre-built with round CPC connector.</li> <li>24V, 6.25A, 150W output and meets US DOE Level VI compliance.</li> <li>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.</li> </ul>	AC Line Cord (23844-00-00R)

PS1400		AC Power Supply	<ul style="list-style-type: none"> <li>May be labeled PSA65U-180 or 1080362-001</li> <li>Cable is pre-built with round CPC connector.</li> <li>18V, 3.3A output</li> <li>Discontinued 8/2015 - PMB 2652</li> </ul>	9008693 (AC Line Cord) (or country specific line cord)
23844-00-00R		AC Line Cord	<ul style="list-style-type: none"> <li>Used with Power Supply PWR-BGA12V72W0WW and Power supply PS1450 (when it includes Power Supply PWR-BGA12V72W0WW).</li> </ul>	
9008693		AC Line Cord	<ul style="list-style-type: none"> <li>Used with PS1450 (when it includes Power Supply 1100666) or PS1400 AC Power Supply</li> </ul>	

### Keyboards

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

<p>KYBD-QW-VC80-L-1</p>		<p>QWERTY Keyboard Kit (long cable)</p>	<ul style="list-style-type: none"> <li>▶Based on the VH10 keyboard design</li> <li>▶12 direct Function keys with an additional 12 via shift function.</li> <li>▶Dimmable backlit keys.</li> <li>▶IP66, -30 to +50 C, condensing - for use in Freezer Applications</li> <li>▶Build-in heaters and drainage system for error free operations even in heavy condensing environments</li> <li>▶Industrial keyboard controller with temperature compensation</li> <li>▶Meets shock/vibrations standards: EN60721-5M3, MIL810F, and Zebra internal testing standards</li> <li>▶Long cable (300 cm/~10 ft) allows installation farther away from the VC.</li> <li>▶Keyboard elastomer and cable are both field replaceable.</li> <li>▶Can be mounted on Keyboard Tray (KT-KYBDTRAY-VC80-R) or via RAM mount.</li> <li>▶Kit includes QWERTY Keyboard (KYBD-QW-VC-01) and Keyboard Cable (CBL-VC80-KBUS2-01)</li> </ul>	
<p>KYBD-AZ-VC-01</p>		<p>AZERTY Keyboard</p>	<ul style="list-style-type: none"> <li>▶Based on the VH10 keyboard design</li> <li>▶12 direct Function keys with an additional 12 via shift function.</li> <li>▶Dimmable backlit keys.</li> <li>▶IP66, -30 to +50 C, condensing - for use in Freezer Applications</li> <li>▶Build-in heaters and drainage system for error free operations even in heavy condensing environments</li> <li>▶Industrial keyboard controller with temperature compensation</li> <li>▶Meets shock/vibrations standards: EN60721-5M3, MIL810F, and Zebra internal testing standards</li> <li>▶Two available cable lengths allowing the installation close the by VC or away from it.</li> <li>▶Keyboard elastomer and cable are both field replaceable.</li> <li>▶Can be mounted on Keyboard Tray (KT-KYBDTRAY-VC80-R) or via RAM mount.</li> </ul>	<p>Keyboard Cable (CBL-VC80-KBUS1-01 or CBL-VC80-KBUS2-01)</p>
<p>CBL-VC80-KBUS1-01</p>		<p>VC80 Short Keyboard Cable for VH10 style keyboard</p>	<ul style="list-style-type: none"> <li>▶Short Cable length (22 cm / approx. 8.5 in)</li> <li>▶Typically used when keyboard is mounted directly near the VC (i.e. on Keyboard Tray).</li> </ul>	
<p>CBL-VC80-KBUS2-01</p>		<p>VC80 Long Keyboard Cable for VH10 style keyboard</p>	<ul style="list-style-type: none"> <li>▶Long Cable length (300 cm / approx. 10 ft)</li> <li>▶Typically used when keyboard is mounted away from the VC.</li> </ul>	
<p>1616314 (English) 1616315 (French)  1616316 (German) ▶Discontinued 12/2015 - PMB 2723</p>		<p>Small Keyboard</p>	<ul style="list-style-type: none"> <li>▶Connects to USB port on device</li> <li>▶86 keys, includes F1-F10 (F11-F12 shifted)</li> <li>▶Includes mouse joystick</li> <li>▶IP65 sealing</li> <li>▶Cable length is 60 cm (~23")</li> <li>▶Keys are NOT backlit</li> </ul>	<p>Keyboard Tray (K1-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.</p>

SLK-101-M-USB-3F		iKey Keyboard, 101 key	<ul style="list-style-type: none"> <li>▶101 Backlit keys</li> <li>▶Connects to USB port on device</li> <li>▶10-Key Numeric Pad</li> <li>▶12 Function Keys</li> <li>▶Built-In Mounting holes</li> <li>▶Windows Function Keys</li> <li>▶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.</li> </ul>	Keyboard Tray (KT-KYBDTRAY-VC80-R)
9010376		iKey Keyboard, English	<ul style="list-style-type: none"> <li>▶Connects to USB port on device</li> <li>▶12 function keys, 86 key functionality</li> <li>▶Meets NEMA 4X specifications ensuring that keyboard is sealed against the elements or unwanted spills and can be totally washed down.</li> <li>▶Backlit keys</li> <li>▶Includes integrated HulaPoint II™ mouse</li> </ul>	Keyboard Tray (KT-KYBDTRAY-VC80-R)
9010377		iKey Color Keyboard, English	<ul style="list-style-type: none"> <li>▶Connects to USB port on device</li> <li>▶8 function keys, 72 key functionality</li> <li>▶Backlit keys</li> </ul>	Keyboard Tray (KT-KYBDTRAY-VC80-R)
KT-KYBDTRAY-VC80-R		Keyboard Tray	<ul style="list-style-type: none"> <li>▶Allows iKey or VH10 style keyboards to be mounted under the VC80.</li> <li>▶Not compatible with Small Keyboard unless additional holes are drilled into tray to line up with mounting bolts on the keyboard.</li> <li>▶Includes mounting tray, tilting arms, knobs and screws</li> <li>▶Compatible with Quick Release Mount (MT4200 or MT4210)</li> </ul>	
RAM-246U		RAM Mount base for iKey or VH10 style Keyboards	<ul style="list-style-type: none"> <li>▶Provides alternate solution to Keyboard Tray</li> <li>▶1.5" rubber ball (RAM C size), connected to a 4.75" square plate with 4x100mm holes and 4x75mm holes in each corner.</li> <li>▶Base attaches to forklift</li> <li>▶Uses RAM Mount P/N RAM-246U</li> </ul>	<ul style="list-style-type: none"> <li>▶RAM Ball Mount for iKey Keyboards (RAM-202U)</li> <li>▶RAM Mount arm for iKey Keyboards (RAM-201U)</li> </ul>
RAM-201U		RAM Mount 3" arm for iKey or VH10 style Keyboards	<ul style="list-style-type: none"> <li>▶Provides alternate solution to Keyboard Tray</li> <li>▶Double socket arm, has a socket at both ends that accommodates 1.5" ball bases (RAM C size).</li> <li>▶3 inch length</li> <li>▶A single spring inside the arm opens the end sockets, allowing you to pivot the ball and socket connection.</li> <li>▶Connects RAM Mount base for iKey Keyboards (RAM-246U) to RAM Ball Mount for iKey Keyboards (RAM-202U)</li> <li>▶Uses RAM Mount P/N RAM-201U</li> </ul>	<ul style="list-style-type: none"> <li>▶RAM Mount base for iKey Keyboards (RAM-246U)</li> <li>▶RAM Ball Mount for iKey Keyboards (RAM-202U)</li> </ul> 
RAM-202U		RAM Ball Mount for iKey or VH10 style Keyboards	<ul style="list-style-type: none"> <li>▶Provides alternate solution to Keyboard Tray</li> <li>▶1.5" diameter rubber ball (RAM C size) connected to a flat 2.5" diameter base.</li> <li>▶Mount has pre-drilled holes, including the universal AMPS hole pattern.</li> <li>▶Attaches to mounting holes on iKey or VH10 style keyboards</li> <li>▶Uses RAM Mount P/N RAM-202U</li> </ul>	<ul style="list-style-type: none"> <li>▶RAM Mount base for iKey Keyboards (RAM-246U)</li> <li>▶RAM Mount arm for iKey Keyboards (RAM-201U)</li> </ul>

**VC70 style Numeric keyboard**

KYBD-NU-VC70-03R		21-Key Numeric Keyboard	<ul style="list-style-type: none"> <li>Connects to USB port on VC80. Secure locking USB connector screws are not used.</li> <li>21 Backlit keys</li> <li>IP66 sealed</li> <li>Mounts on side of VC80</li> <li>Includes Keyboard Protection Grill (KT-KYBDGRL2-VC70-R)</li> </ul>	Keypad Mounting Bracket (KT-KYBDMNT-VC80-R)
KYBD-NU-VC70-01R		21-Key Numeric Keyboard	<ul style="list-style-type: none"> <li>Discontinued 9/2013, now use KYBD-NU-VC70-03R</li> <li>Connects to USB port on VC80. Secure locking USB connector screws are not used.</li> <li>21 Backlit keys</li> <li>IP66 sealed</li> <li>Mounts on side of VC80</li> </ul>	Keypad Mounting Bracket (KT-KYBDMNT-VC80-R)
KT-KYBDMNT-VC80-R		Side Mount Bracket for Numeric Keyboard	<ul style="list-style-type: none"> <li>Allows Numeric Keyboard (KYBD-NU-VC70-03R) to be mounted on side of VC80</li> <li>Includes mounting hardware (screws)</li> </ul>	
KT-KYBDGRL2-VC70-R		Keyboard Protection Grill for Numeric keyboard	<ul style="list-style-type: none"> <li>This is a spare/replacement Protective Grill. It is normally included with KYBD-NU-VC70-03R.</li> <li>Adds extra protection to keys by minimizing the keys' exposure.</li> </ul>	
<b>Replacement Equipment</b>				
<b>Part Number</b>	<b>Picture</b>	<b>Description</b>	<b>Notes</b>	<b>Required Items</b>
KT-VC80-BTRY1-01		Replacement Battery	<ul style="list-style-type: none"> <li>Replacement backup battery</li> <li>2000 mAh</li> </ul>	

KT-VC80-SCRN1-01		Front Touch Screen (non-heated)	<ul style="list-style-type: none"> <li>Includes: <ul style="list-style-type: none"> <li>- VC80 front with touch screen</li> <li>- screws</li> <li>- EMI tape</li> </ul> </li> </ul>	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"> <li>Includes: <ul style="list-style-type: none"> <li>- VC80 front with touch screen</li> <li>- screws</li> <li>- EMI tape</li> </ul> </li> </ul>	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"> <li>Wear Item Replacement for KYBD-QW-VC-01 (includes Elastomer with hard caps)</li> </ul>	
KYBD-AZ-SP-01		Replacement AZERTY Keypad for VH10 style keyboard	<ul style="list-style-type: none"> <li>Wear Item Replacement for KYBD-AZ-VC-01 (includes Elastomer with hard caps)</li> </ul>	

**Misc Replacement Equipment**

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