

THOR VM1A VEHICLE MOUNT COMPUTER

Configuration Guide



**QUICK MOUNT
DOCKING**



**FIELD REPLACEABLE
FRONT PANEL**



OUTDOOR

COLD STORAGE

INDOOR

VM1A

THE
FUTURE
IS
WHAT
WE
MAKE IT

Honeywell

TABLE OF CONTENTS

1

TABLE OF CONTENTS

2

THOR VM1A FEATURE OVERVIEW

INDOOR 400 NITS DISPLAY

COLD STORAGE 400 NITS DISPLAY

OUTDOOR 900 NITS DISPLAY

5

THOR VM1A CONFIGURATION MAP

ANDROID

6

HONEYWELL EDGE SERVICES

GOLD REPAIR SERVICES - 3 YEAR

PLATINUM REPAIR SERVICES - 3 YEAR

GOLD REPAIR SERVICES - 5 YEAR

PLATINUM REPAIR SERVICES - 5 YEAR

VM1A - REPAIR SERVICES COVERAGE

9

THOR VM1A SOFTWARE

SOFTWARE CLIENT PACK

10

THOR VM1A FORKLIFT INSTALL

OPTION 1 - INDOOR 400 NITS - INTERNAL ANTENNA - TETHERED SCANNER

OPTION 2 - INDOOR 400 NITS - INTERNAL ANTENNA - BLUETOOTH SCANNER

OPTION 3 - FREEZER INSTALL 36-48V - 400 NITS - INTERNAL ANTENNA - TETHERED SCANNER

OPTION 4 - OUTDOOR 900 NITS - EXTERNAL ANTENNA - TETHERED SCANNER

OPTION 5 - U-BRACKET MOUNTING

MIGRATING INTERMEC CV30/CV60 TO THOR VM1A

MIGRATING INTERMEC CV31/CV61 DIRECT WIRING TO THOR VM1A

MIGRATING INTERMEC CV31/CV61 DC/DC CONVERTER TO THOR VM1A

MIGRATING LXE VX8/ VX9 TO THOR VM1A

MIGRATING LXE VX6/ VX7 TO THOR VM1A

MIGRATING VC5X9X TO THOR VM1A

21

THOR VM1A WITH FIXED AC POWER

STANDARD AC POWER CONNECTION FOR IT SETUP/ STAGING

22

THOR VM1A I/O CONNECTORS

ENHANCED DOCK

23

MISCELLANEOUS

GRANIT XP SCANNER & ACCESSORIES OPTIONS

GRANIT XP SCANNER SERIAL CABLE TYPES

GRANIT XP SCANNER USB CABLE TYPES

28

DOCKS

QUICK MOUNT DOCKING KITS

29

MOUNTING

MOUNTING KITS

MOUNTING KITS WITH EXTERNAL KEYBOARD

MOUNTING ACCESSORIES

EXTERNAL KEYBOARD OPTIONS

36

MISCELLANEOUS

REPLACEMENT PARTS

OPTIONAL PARTS

MICRO-SD CARDS

AC CORDS



THOR VM1A FEATURE OVERVIEW

Indoor 400 NITS Display

Included in the box:

- VM1A Vehicle Mount Computer
- Stylus

INDOOR 400 NITS

Display



NFC



Bluetooth



Wi-Fi



VM1A – Indoor RESISTIVE – INTERNAL Antenna

VM1A-LON-1A1A20A

VM1A, 4GB RAM/32GB Flash, Internal WLAN antennas, Indoor 400 NITS Display, Resistive Touch Screen, Android (GMS), Software Client Pack (SCP) Pre-Licensed, ANZ & Argentina



VM1A – Indoor CAPACITIVE – INTERNAL Antenna

VM1A-LON-1A4A20A

VM1A, 4GB RAM/32GB Flash, Internal WLAN antennas, Indoor 400 NITS Display, Projected Capacitive (PCAP) Touch Screen, Android (GMS), Software Client Pack (SCP) Pre-Licensed, ANZ & Argentina

VM1A – Indoor RESISTIVE – EXTERNAL Antenna

VM1A-LON-1B1A20A

VM1A, 4GB RAM/32GB Flash, External WLAN antennas, Indoor 400 NITS Display, Resistive Touch Screen, Android (GMS), Software Client Pack (SCP) Pre-Licensed, ANZ & Argentina

VM1A – Indoor CAPACITIVE – EXTERNAL Antenna

VM1A-LON-1B4A20A

VM1A, 4GB RAM/32GB Flash, External WLAN antennas, Indoor 400 NITS Display, Projected Capacitive (PCAP) Touch Screen, Android (GMS), Software Client Pack (SCP) Pre-Licensed, ANZ & Argentina

Not all display / antenna / environment combination is available in every region.
Check your local Price Book to see which part numbers are available for sale.

Honeywell Repair Services

SVCVM1A-SG3N

VM1A Edge Service, Gold Maintenance Contract, 3 Year, New Contract

ADD SVCREPLACE-MOB3

AddOn, Edge Service, Device Replacement, Mobility, 3 Year



THOR VM1A FEATURE OVERVIEW

Cold Storage 400 NITS Display

Included in the box:

- VM1A Vehicle Mount Computer
- Stylus



VM1A – Defroster RESISTIVE – INTERNAL Antenna

VM1A-LON-1A2A20A

VM1A, 4GB RAM/32GB Flash, Internal WLAN antennas, Defroster 400 NITS Display, Resistive Touch Screen, Android (GMS), Software Client Pack (SCP) Pre-Licensed, ANZ & Argentina



VM1A – Defroster RESISTIVE – EXTERNAL Antenna

VM1A-LON-1B2A20A

VM1A, 4GB RAM/32GB Flash, External WLAN antennas, Defroster 400 NITS Display, Resistive Touch Screen, Android (GMS), Software Client Pack (SCP) Pre-Licensed, ANZ & Argentina

Not all display / antenna / environment combination is available in every region.
Check your local Price Book to see which part numbers are available for sale.

Honeywell Repair Services

SVCVM1A-SG3N	VM1A Edge Service, Gold Maintenance Contract, 3 Year, New Contract
ADD SVCREPLACE-MOB3	AddOn, Edge Service, Device Replacement, Mobility, 3 Year

THOR VM1A FEATURE OVERVIEW

Outdoor 900 NITS Display

Included in the box:

- VM1A Vehicle Mount Computer
- Stylus

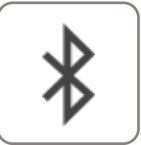


OUTDOOR 900 NITS

Display



NFC



Bluetooth



Wi-Fi



VM1A – Indoor RESISTIVE – INTERNAL Antenna

VM1A-LON-1A3A20A VM1A, 4GB RAM/32GB Flash, Internal WLAN antennas, Outdoor 900 NITS Display, Resistive Touch Screen, Android (GMS), Software Client Pack (SCP) Pre-Licensed, ANZ & Argentina

VM1A – Indoor RESISTIVE – EXTERNAL Antenna

VM1A-LON-1B3A20A VM1A, 4GB RAM/32GB Flash, External WLAN antennas, Outdoor 900 NITS Display, Resistive Touch Screen, Android (GMS), Software Client Pack (SCP) Pre-Licensed, ANZ & Argentina



VM1A – Indoor CAPACITIVE – INTERNAL Antenna

VM1A-LON-1A6A20A VM1A, 4GB RAM/32GB Flash, Internal WLAN antennas, Outdoor 900 NITS Display, Projected Capacitive (PCAP) Touch Screen, Android (GMS), Software Client Pack (SCP) Pre-Licensed, ANZ & Argentina

VM1A – Indoor CAPACITIVE – EXTERNAL Antenna

VM1A-LON-1B6A20A VM1A, 4GB RAM/32GB Flash, External WLAN antennas, Outdoor 900 NITS Display, Projected Capacitive (PCAP) Touch Screen, Android (GMS), Software Client Pack (SCP) Pre-Licensed, ANZ & Argentina

Not all display / antenna / environment combination is available in every region.
Check your local Price Book to see which part numbers are available for sale.

Honeywell Repair Services

SVCVM1A-SG3N

VM1A Edge Service, Gold Maintenance Contract, 3 Year, New Contract

ADD SVCREPLACE-MOB3

AddOn, Edge Service, Device Replacement, Mobility, 3 Year



THOR VM1A CONFIGURATION MAP

Android

											DESCRIPTION	NOTES
BLUETOOTH/ WI-FI												
WWAN												
NFC												
MEMORY												
WLAN ANTENNA												
DISPLAY												
OPERATING SYSTEM												
APPLICATION												
CUSTOM												
DOMAIN												
VM1A-												
L											Wi-Fi 5 802.11 a/b/g/n/ac + Bluetooth 5.0 2x2 MU-MIMO	IEEE 802.11 a/b/g/n/ac/d/e/h/i/k/r/w/v/mc ; Wi-Fi certified V5.0 Bluetooth and BLE Supported Bluetooth Profiles: HFP, PBAP, A2DP,AVRCP, OPP, SPP, GATT
	0										No WWAN	
		N									Near Field Communications (NFC)	Integrated NFC reader
			--									
				1							4GB RAM, 32GB Flash Memory	2.2 GHz Qualcomm Snapdragon™ 660 octa-core
					A						Internal WLAN antennas	
					B						External WLAN antennas	
						1					Indoor 400 NITS Display, Resistive Touch Screen	
						2					Defroster 400 NITS Display, Resistive Touch Screen	
						3					Outdoor 900 NITS Display, Resistive Touch Screen	
						4					Indoor 400 NITS Display, Projected Capacitive (PCAP) Touch Screen	
						6					Outdoor 900 NITS Display, Projected Capacitive (PCAP) Touch Screen	
							A				Android (GMS)	Google Mobile Services (GMS) certified – Play Store
							B				Android (Non-GMS)	
								1			Standard Software Build	
								2			Software Client Pack (SCP) Pre-Licensed	Pre-licensed – SmartTE (1 Year Maintenance Included), Launcher, Enterprise Browser, BasicTE
									0		No Custom	
										A	ANZ & Arg	Argentina, Australia, New Zealand



HONEYWELL EDGE SERVICES

VM1A – Repair Services

Honeywell Edge Services give you the confidence of having leading-class technologies combined with service and support plans that are designed to keep you operational for longer. For a full description of maintenance services, including terms and conditions, please see <https://sps.honeywell.com/us/en/services/productivity/support-services/maintenance-services>

Gold Repair Services – 3 Year

The Edge Services Gold Support contract allows flexibility for you to select the right coverage for your organization, including 5-Day Depot Repairs and:

Service Overview

- Repair or replacement (at Honeywell discretion) for damaged components, wear and tear, accidental damage
- Flexibility to add any Add-On Service
- Android Service - includes Android OS Upgrades, Maintenance Releases and Security Patches

PART NUMBER	DESCRIPTION
SVCVM1A-SG3N	VM1A, Edge Service, GOLD Maintenance Contract, 5 Day Turnaround, 3 Year , New Contract

Add-On Accessory Replacement Service

Provides replacement chargers, docks, charging cables, or scan handles should they be damaged or stop working.

ADD	SVCACC-MOB3	AddOn, Edge Service, Accessory Service , Mobility, 3 Year . Service covers VM docks, keyboards, cables and antennas.
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Add-On Battery Replacement Service

Provides replacement batteries as needed after a minimum of 18 months post-purchase.

ADD	SVCBATTERY-MOB3	AddOn, Edge Service, Battery Service, Mobility, 3 Year , 1 Replacement Battery over life of contract
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Add-On Device Replacement Service

Replacement devices should a device be damaged beyond repair.

ADD	SVCREPLACE-MOB3	AddOn, Edge Service, Device Replacement, Mobility, 3 Year
-----	-----------------	--

Add-On Image Management Service

Ensures that when a device returns from being repaired, it has all the proper applications loaded back on the device.

ADD	SVCIMAGEMGMT-MOB3	AddOn, Edge Service, Image Service, Mobility, 3 Year
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Add-On Spare Management Service

Manages your spare pool.

ADD	SVCSPAREMGMT-MOB3	AddOn, Edge Service, Advanced Exchange, Mobility, 3 Year . Customer owned spare pool, Minimum Purchase required, contact your local Honeywell Service Representative for more information.
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Add-On 2-Day Turnaround Depot Upgrade

Upgrade your Gold Maintenance Contract from 5-Day to 2-Day turnaround at the repair depot.

ADD	SVC2DAYDEPOT-MOB3	AddOn, Edge Service, 2-Day Depot Upgrade, 3-Year Agreement, Requires purchase of a 3 Year Gold Maintenance Contract.
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Platinum Repair Services – 3 Year

The Edge Services Platinum Support contract offers 2-Day Depot Repairs or Spare Pool Management with 3 year contract that includes:

Service Overview

- Repair or replacement (at Honeywell discretion) for damaged components, wear and tear, accidental damage
- SVCREPLACE-MOB3 - Replacement devices should a device be damaged beyond repair
- SVCACC-MOB3 - Accessory replacement service
- SVCBATTERY-MOB3 - Battery replacement service
- SVCSPAREMGMT-MOB3 - Spare pool management (optional, minimum quantity required)
- Telephone-based technical support
- Android Service - includes Android OS Upgrades, Maintenance Releases and Security Patches

PART NUMBER	DESCRIPTION
SVCVM1A-SP3N	VM1A Edge Service, PLATINUM, 2 Day Turnaround, 3 Year , New Contract



HONEYWELL EDGE SERVICES

VM1A – Repair Services

Honeywell Edge Services give you the confidence of having leading-class technologies combined with service and support plans that are designed to keep you operational for longer. For a full description of maintenance services, including terms and conditions, please see <https://sps.honeywell.com/us/en/services/productivity/support-services/maintenance-services>

Gold Repair Services – 5 Year

The Edge Services Gold Support contract allows flexibility for you to select the right coverage for your organization, including 5-Day Depot Repairs and:

Service Overview

- Repair or replacement (at Honeywell discretion) for damaged components, wear and tear, accidental damage
- Flexibility to add any Add-On Service
- Android Service - includes Android OS Upgrades, Maintenance Releases and Security Patches

PART NUMBER	DESCRIPTION
SVCVM1A-SG5N	VM1A, Edge Service, GOLD Maintenance Contract, 5 Day Turnaround, 5 Year , New Contract

Add-On Accessory Replacement Service

Provides replacement chargers, docks, charging cables, or scan handles should they be damaged or stop working.

ADD	SVCACC-MOB5	AddOn, Edge Service, Accessory Service , Mobility, 5 Year . Service covers VM docks, keyboards, cables and antennas.
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Add-On Battery Replacement Service

Provides replacement batteries as needed after a minimum of 18 months post-purchase.

ADD	SVCBATTERY-MOB5	AddOn, Edge Service, Battery Service, Mobility, 5 Year , 2 Replacement Battery over life of contract
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Add-On Device Replacement Service

Replacement devices should a device be damaged beyond repair.

ADD	SVCREPLACE-MOB5	AddOn, Edge Service, Device Replacement, Mobility, 5 Year
-----	-----------------	--

Add-On Image Management Service

Ensures that when a device returns from being repaired, it has all the proper applications loaded back on the device.

ADD	SVCIMAGEMGMT-MOB5	AddOn, Edge Service, Image Service, Mobility, 5 Year
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Add-On Spare Management Service

Manages your spare pool.

ADD	SVCSPAREMGMT-MOB5	AddOn, Edge Service, Advanced Exchange, Mobility, 5 Year . Customer owned spare pool, Minimum Purchase required, contact your local Honeywell Service Representative for more information.
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Add-On 2-Day Turnaround Depot Upgrade

Upgrade your Gold Maintenance Contract from 5-Day to 2-Day turnaround at the repair depot.

ADD	SVC2DAYDEPOT-MOB5	AddOn, Edge Service, 2-Day Depot Upgrade, 5-Year Agreement, Requires purchase of a 5 Year Gold Maintenance Contract.
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Platinum Repair Services – 5 Year

The Edge Services Platinum Support contract offers 2-Day Depot Repairs or Spare Pool Management with 5 year contract that includes:

Service Overview

- Repair or replacement (at Honeywell discretion) for damaged components, wear and tear, accidental damage
- SVCREPLACE-MOB5 - Replacement devices should a device be damaged beyond repair
- SVCACC-MOB5 - Accessory replacement service
- SVCBATTERY-MOB5 - Battery replacement service
- SVCSPAREMGMT-MOB5 - Spare pool management (optional, minimum quantity required)
- Telephone-based technical support
- Android Service - includes Android OS Upgrades, Maintenance Releases and Security Patches

PART NUMBER	DESCRIPTION
SVCVM1A-SP5N	VM1A, Edge Service, PLATINUM, 2 Day Turnaround, 5 Year , New Contract



HONEYWELL REPAIR SERVICES

VM1A – Repair Services Coverage

Service options tailored to customer requirements

VM1A



Warranty Cover Against Product Defect

BASIC Service

Gold Coverage:

- Accidental Damage
- Wear & Tear
- Android Service

Includes Replacement of:

- Stylus

Flexible GOLD Add-Ons ordered separately

- SVCACC-MOB3

Accessories



VM1001VMCRADLE



VM3001VMCRADLE

- SVCBATTERY-MOB3
- SVCREPLACE-MOB3
- SVCIMAGEMGMT-MOB3
- SVCSPAREMGMT-MOB3

Batteries

Device Replacement

Image Service

Advanced Exchange

Platinum Coverage

- Battery Replacement
- Coverage for Docks/ Chargers
- Android Service

Accidental Damage

Device Replacement

Wear & Tear



Docks



Antennas



Keyboards



Battery



Cables



Power Supplies

Battery

(3 Year – 1 replacement battery per VM1A)

(5 Year – 2 replacement batteries per VM1A)

COVERAGE	PART NUMBER	DESCRIPTION
BASIC	SVCVM1A-EXW2	VM1A, BASIC, 10-15 Day Turnaround, 2 Years (1 Year Factory Warranty + 1 Year Extended)
GOLD	SVCVM1A-SG3N	VM1A, Edge Service, GOLD Maintenance Contract, 5 Day Turnaround, 3 Year, New Contract
ADD	SVCACC-MOB3	AddOn, Edge Service, Accessory Service , Mobility, 3 Year. Service covers VM docks, keyboards, cables, scan handles and antennas.
ADD	SVCBATTERY-MOB3	AddOn, Edge Service, Battery Service, Mobility, 3 Year, 1 Replacement Battery over life of contract
ADD	SVCREPLACE-MOB3	AddOn, Edge Service, Device Replacement, Mobility, 3 Year
ADD	SVCIMAGEMGMT-MOB3	AddOn, Edge Service, Image Service, Mobility, 3 Year
ADD	SVCSPAREMGMT-MOB3	AddOn, Edge Service, Advanced Exchange, Mobility, 3 Year. Customer owned spare pool, Minimum Purchase required.
PLATINUM	SVCVM1A-SP3N	VM1A, Edge Service, PLATINUM, 2 Day Turnaround, 3 Year, New Contract

THOR VM1A SOFTWARE

Software Client Pack

All VM1A units will ship with the Software Client Pack (SCP) pre-licensed which includes first year of software maintenance. Add additional years of software maintenance for the applications below.



Launcher



BasicTE



Enterprise Browser



SmartTE Terminal Emulator



Launcher – gives the customer total control over which apps can be run on the device.

BasicTE Android device Terminal Emulation is a simplified alternative for those not yet ready to upgrade to SmartTE.

Enterprise Browser provides corporations the ability to run standard web applications from a controlled environment.

Terminal Emulator – Full featured SmartTE allows legacy green screen apps to be transformed to the look and feel of native apps. These clients are single session Honeywell TE Licensing. They can also utilize traditional single or multi-session StayLinked Licenses.

PART NUMBER	DESCRIPTION
SCP-SFT1	Software Client Pack - 1 Year Maintenance for devices pre-licensed with Software Client Pack (SCP). SCP Includes Browser, Launcher, SmartTE, and BasicTE
SCP-SFT2	Software Client Pack - 2 Year Maintenance for devices pre-licensed with Software Client Pack (SCP). SCP Includes Browser, Launcher, SmartTE, and BasicTE
SCP-SFT3	Software Client Pack - 3 Year Maintenance for devices pre-licensed with Software Client Pack (SCP). SCP Includes Browser, Launcher, SmartTE, and BasicTE
SCP-SFT4	Software Client Pack - 4 Year Maintenance for devices pre-licensed with Software Client Pack (SCP). SCP Includes Browser, Launcher, SmartTE, and BasicTE
SCP-SFT5	Software Client Pack - 5 Year Maintenance for devices pre-licensed with Software Client Pack (SCP). SCP Includes Browser, Launcher, SmartTE, and BasicTE

PART NUMBER	DESCRIPTION
SMARTTE-SFT3	SMARTTE – 3 Year Software Maintenance
SMARTTE-SFT5	SMARTTE – 5 Year Software Maintenance

THOR VM1A FORKLIFT INSTALL

Option 1 - Indoor 400 NITS - Internal Antenna - Tethered Scanner

Best used when the vehicle input voltage varies, 10 - 60V.



	PART NUMBER	DESCRIPTION
	1	VM1A-LON-1A4A20A VM1A, 4GB RAM/32GB Flash, Internal WLAN antennas, Indoor 400 NITS Display, Projected Capacitive (PCAP) Touch Screen, Android (GMS), Software Client Pack (SCP) Pre-Licensed, ANZ & Argentina
	2	VM1001VMCRADLE DOCK WITH INTEGRAL POWER SUPPLY, 10 TO 60 VDC, DC POWER CABLE INCLUDED
	OR	VM3001VMCRADLE ENHANCED DOCK WITH INTEGRAL POWER SUPPLY, 10 TO 60 VDC, DC POWER CABLE INCLUDED
	3a	VM1001BRKTKIT RAM mount kit, Round Base, Short arm 5inch (128 mm)
	OR	VM1002BRKTKIT RAM mount kit, Round Base, Medium arm 8.5inch (215 mm)
	OR	VM1003BRKTKIT RAM mount kit, Round Base, Long arm 13inch (330 mm)
	4	1990IXLR-3SER-R RS232 Kit: Tethered. Ultra rugged/industrial. 1D, PDF417, 2D, XLR (ultra-long range) focus, with vibration. Red scanner (1990iXLR-3), RS232, 5V, DB9 Female, Coiled, 3m industrial cable (CBL-020-300-C00-01).
OPTIONAL	5	TOOLBAL Scanner take up reel/balancer
OPTIONAL	6	VMHOLDER2K Vehicle Mount Cup: Granit scanner cup with 1 inch ('B' Size) diameter ball joint attachment.
OPTIONAL	7a	VMHOLDER3K Vehicle Mount kit: adjustable arm with 1 inch ('B' Size) diameter ball joints.
OPTIONAL	7b	VMHOLDER4K Vehicle mount kit: Contains adjustable arm with 1 in. dia. ball joints and square post clamp base for posts up to 3 in. wide and 2 ½ in thick.

	SERVICE	DESCRIPTION
	SVCVM1A-SG3N	VM1A Edge Service, Gold Maintenance Contract, 3 Year, New Contract
ADD-ON	SVCREPLACE-MOB3	AddOn, Edge Service, Device Replacement, Mobility, 3 Year
ADD-ON	SVCACC-MOB3	AddOn, Edge Service, Accessory Service , Mobility, 3 Year. Service covers VM docks.
	3b	VM1004BRKTKIT RAM mount kit, Clamp Base, Short arm 5inch (128 mm)
OR	VM1005BRKTKIT	RAM mount kit, Clamp Base, Medium arm 8.5inch (215 mm)
OR	VM1006BRKTKIT	RAM mount kit, Clamp Base, Long arm 13inch (330 mm)
	SVC1990I-SG3N	1990i, Edge Service, GOLD Maintenance Contract, 3 Year, New Contract
ADD-ON	SVCREPLACE-SCN3	AddOn, Edge Service, Device Replacement, Scanner, 3 Year
ADD-ON	SVCACC-SCN3	AddOn, Edge Service, Accessory Service , Scanner, 3 Year. Service covers scanner cables.

THOR VM1A FORKLIFT INSTALL

Option 2 – Indoor 400 NITS – Internal Antenna – Bluetooth Scanner

Best used when the vehicle input voltage varies, 10 – 60V.



	PART NUMBER	DESCRIPTION
	1 VM1A-LON-1A4A20A	VM1A, 4GB RAM/32GB Flash, Internal WLAN antennas, Indoor 400 NITS Display, Projected Capacitive (PCAP) Touch Screen, Android (GMS), Software Client Pack (SCP) Pre-Licensed, ANZ & Argentina
	2 VM1001VMCRADLE	DOCK WITH INTEGRAL POWER SUPPLY, 10 TO 60 VDC, DC POWER CABLE INCLUDED
	OR VM3001VMCRADLE	ENHANCED DOCK WITH INTEGRAL POWER SUPPLY, 10 TO 60 VDC, DC POWER CABLE INCLUDED
	3a VM1001BRKTKIT	RAM mount kit, Round Base, Short arm 5inch (128 mm)
	OR VM1002BRKTKIT	RAM mount kit, Round Base, Medium arm 8.5inch (215 mm)
	OR VM1003BRKTKIT	RAM mount kit, Round Base, Long arm 13inch (330 mm)
	4 1991IXLR-3-R	Scanner: Wireless. Ultra rugged/industrial. 1D, PDF417, 2D, XLR (ultra-long range) focus, with vibration. Red scanner, smart battery (BAT-SCN05). Bluetooth Class 1.
OPTIONAL	5 TOOLBAL	Scanner take up reel/balancer
OPTIONAL	6 VMHOLDER2K	Vehicle Mount Cup: Granit scanner cup with 1 inch ('B' Size) diameter ball joint attachment.
OPTIONAL	7a VMHOLDER3K	Vehicle Mount kit: adjustable arm with 1 inch ('B' Size) diameter ball joints.
OPTIONAL	7b VMHOLDER4K	Vehicle mount kit: Contains adjustable arm with 1 in. dia. ball joints and square post clamp base for posts up to 3 in. wide and 2 ½ in thick.

	SERVICE	DESCRIPTION
	SVCVM1A-SG3N	VM1A Edge Service, Gold Maintenance Contract, 3 Year, New Contract
ADD-ON	SVCREPLACE-MOB3	AddOn, Edge Service, Device Replacement, Mobility, 3 Year
ADD-ON	SVCACC-MOB3	AddOn, Edge Service, Accessory Service , Mobility, 3 Year. Service covers VM docks.
	3b VM1004BRKTKIT	RAM mount kit, Clamp Base, Short arm 5inch (128 mm)
	OR VM1005BRKTKIT	RAM mount kit, Clamp Base, Medium arm 8.5inch (215 mm)
	OR VM1006BRKTKIT	RAM mount kit, Clamp Base, Long arm 13inch (330 mm)
	SVC1991I-SG3N	1991i, Edge Service, GOLD Maintenance Contract, 3 Year, New Contract
ADD-ON	SVCREPLACE-SCN3	AddOn, Edge Service, Device Replacement, Scanner, 3 Year

THOR VM1A FORKLIFT INSTALL

Option 3 - Freezer Install 36-48V - 400 NITS - Internal Antenna - Tethered Scanner



Best used when the vehicle input voltage varies, 10 - 60V.



	PART NUMBER	DESCRIPTION
	1	VM1A-LON-1A2A20A VM1A, 4GB RAM/32GB Flash, Internal WLAN antennas, Defroster 400 NITS Display, Resistive Touch Screen, Android (GMS), Software Client Pack (SCP) Pre-Licensed, ANZ & Argentina
	2	VM1001VMCRADLE DOCK WITH INTEGRAL POWER SUPPLY, 10 TO 60 VDC, DC POWER CABLE INCLUDED
	OR	VM3001VMCRADLE ENHANCED DOCK WITH INTEGRAL POWER SUPPLY, 10 TO 60 VDC, DC POWER CABLE INCLUDED
	3a	VM1001BRKTKIT RAM mount kit, Round Base, Short arm 5inch (128 mm)
	OR	VM1002BRKTKIT RAM mount kit, Round Base, Medium arm 8.5inch (215 mm)
	OR	VM1003BRKTKIT RAM mount kit, Round Base, Long arm 13inch (330 mm)
	4	1990IXLR-3SER-R RS232 Kit: Tethered. Ultra rugged/industrial. 1D, PDF417, 2D, XLR (ultra-long range) focus, with vibration. Red scanner (1990iXLR-3), RS232, 5V, DB9 Female, Coiled, 3m industrial cable (CBL-020-300-C00-01).
OPTIONAL	5	TOOLBAL Scanner take up reel/balancer
	6	520-36/48-H3 Scanner heater to prevent fogging in freezer operations Includes cable retractor. For use with 36-48V power. Configured for Granit (XP and legacy) scanner compatibility.

	SERVICE	DESCRIPTION
	SVCVM1A-SG3N	VM1A Edge Service, Gold Maintenance Contract, 3 Year, New Contract
ADD-ON	SVCREPLACE-MOB3	AddOn, Edge Service, Device Replacement, Mobility, 3 Year
ADD-ON	SVCACC-MOB3	AddOn, Edge Service, Accessory Service , Mobility, 3 Year. Service covers VM docks.
	3b	VM1004BRKTKIT RAM mount kit, Clamp Base, Short arm 5inch (128 mm)
OR	VM1005BRKTKIT	RAM mount kit, Clamp Base, Medium arm 8.5inch (215 mm)
OR	VM1006BRKTKIT	RAM mount kit, Clamp Base, Long arm 13inch (330 mm)
	SVC1990I-SG3N	1990i, Edge Service, GOLD Maintenance Contract, 3 Year, New Contract
ADD-ON	SVCREPLACE-SCN3	AddOn, Edge Service, Device Replacement, Scanner, 3 Year
ADD-ON	SVCACC-SCN3	AddOn, Edge Service, Accessory Service , Scanner, 3 Year. Service covers scanner cables.

THOR VM1A FORKLIFT INSTALL

Option 4 - Outdoor 900 NITS - External Antenna - Tethered Scanner

Best used when the vehicle input voltage varies, 10 - 60V.



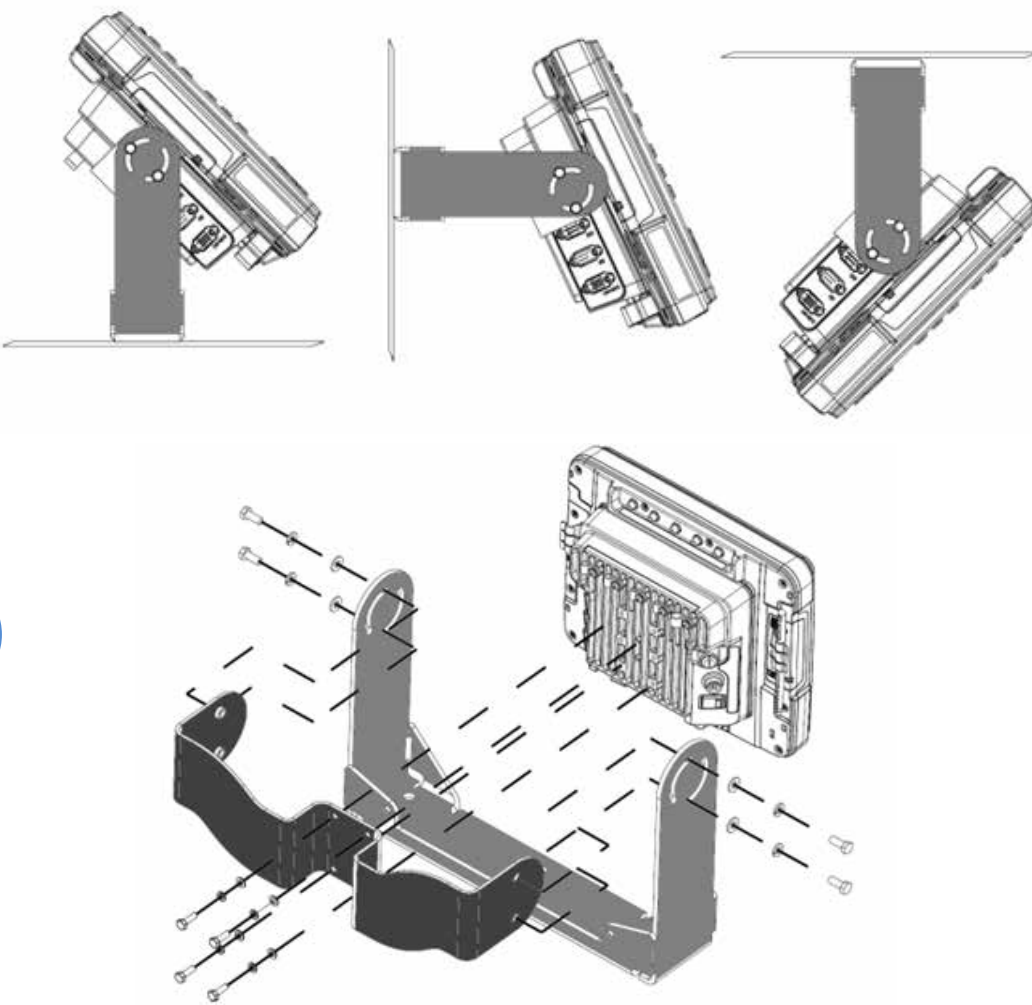
	PART NUMBER	DESCRIPTION
	1 VM1A-LON-1B6A20A	VM1A, 4GB RAM/32GB Flash, External WLAN antennas, Outdoor 900 NITS Display, Projected Capacitive (PCAP) Touch Screen, Android (GMS), Software Client Pack (SCP) Pre-Licensed, ANZ & Argentina
	2 VM1001VMCRADLE	DOCK WITH INTEGRAL POWER SUPPLY, 10 TO 60 VDC, DC POWER CABLE INCLUDED
	OR VM3001VMCRADLE	ENHANCED DOCK WITH INTEGRAL POWER SUPPLY, 10 TO 60 VDC, DC POWER CABLE INCLUDED
	3a VM1001BRKTKIT	RAM mount kit, Round Base, Short arm 5inch (128 mm)
	OR VM1002BRKTKIT	RAM mount kit, Round Base, Medium arm 8.5inch (215 mm)
	OR VM1003BRKTKIT	RAM mount kit, Round Base, Long arm 13inch (330 mm)
	4 1990IXLR-3SER-R	RS232 Kit: Tethered. Ultra rugged/industrial. 1D, PDF417, 2D, XLR (ultra-long range) focus, with vibration. Red scanner (1990iXLR-3), RS232, 5V, DB9 Female, Coiled, 3m industrial cable (CBL-020-300-C00-01).
OPTIONAL	5 TOOLBAL	Scanner take up reel/balancer
	6 VM2276ANTENNA	Set of two VM1A, VM2, VM3 Dual Band WLAN, Passive, Whip Antennas.

	SERVICE	DESCRIPTION
	SVCVM1A-SG3N	VM1A Edge Service, Gold Maintenance Contract, 3 Year, New Contract
ADD-ON	SVCREPLACE-MOB3	AddOn, Edge Service, Device Replacement, Mobility, 3 Year
ADD-ON	SVCACC-MOB3	AddOn, Edge Service, Accessory Service , Mobility, 3 Year. Service covers VM docks.
	3b VM1004BRKTKIT	RAM mount kit, Clamp Base, Short arm 5inch (128 mm)
	OR VM1005BRKTKIT	RAM mount kit, Clamp Base, Medium arm 8.5inch (215 mm)
	OR VM1006BRKTKIT	RAM mount kit, Clamp Base, Long arm 13inch (330 mm)
	SVC1990I-SG3N	1990i, Edge Service, GOLD Maintenance Contract, 3 Year, New Contract
ADD-ON	SVCREPLACE-SCN3	AddOn, Edge Service, Device Replacement, Scanner, 3 Year
ADD-ON	SVCACC-SCN3	AddOn, Edge Service, Accessory Service , Scanner, 3 Year. Service covers scanner cables.

THOR VM1A FORKLIFT INSTALL

Option 5 - U-Bracket Mounting

U-Bracket is commonly used with VX1/VX5/VX6/VX7



	PART NUMBER	DESCRIPTION
	1	VM1A-LON-1A4A20A VM1A, 4GB RAM/32GB Flash, Internal WLAN antennas, Indoor 400 NITS Display, Projected Capacitive (PCAP) Touch Screen, Android (GMS), Software Client Pack (SCP) Pre-Licensed, ANZ & Argentina
	2	VM1001VMCRADLE DOCK WITH INTEGRAL POWER SUPPLY, 10 TO 60 VDC, DC POWER CABLE INCLUDED
	OR	VM3001VMCRADLE ENHANCED DOCK WITH INTEGRAL POWER SUPPLY, 10 TO 60 VDC, DC POWER CABLE INCLUDED
	3	VM1010BRKTKIT Thor LXE U-Bracket mount kit, includes U-Bracket, Adapter Bracket and hardware
OPTIONAL	4	9000033PLATE RAM BALL MOUNTIING BACKER PLATES (QTY 2) WITH NUTS AND BOLTS

(These two plates can be mounted on each side of the forklift roof. Various RAM balls can be attached to these plates to avoid having to drill mounting holes or weld to the forklift.)

	SERVICE	DESCRIPTION
	SVCVM1A-SG3N	VM1A Edge Service, Gold Maintenance Contract, 3 Year, New Contract
ADD-ON	SVCREPLACE-MOB3	AddOn, Edge Service, Device Replacement, Mobility, 3 Year
ADD-ON	SVCACC-MOB3	AddOn, Edge Service, Accessory Service , Mobility, 3 Year. Service covers VM docks.

THOR VM1A FORKLIFT INSTALL

Migrating Intermec CV30/CV60 to Thor VM1A

Power Supply

For migrating an existing CV30/CV60 installation to Thor VM1A, most accessories can be re-used with the Thor VM1A.
If using the existing CV30/CV60 power supply installation, the VM3078CABLE adapter cable is required to power the Thor VM1A.
Dock: Use VM1002VMCRADLE, does include “D” ball for Dock but does not include DC power cable

Mounts

Reuse CV30/CV60 single ball “D” RAM Mount
If “E” Ball is in use, it will need to be changed to “D”.

Scanners

Reuse existing Intermec SR61 or Honeywell Granit Scanners.



VM1A Computer



VM1002VMCRADLE Dock Only
(Includes “D” Ball / No DC Power Cable)



	Part Number	Description
1	CV30A0E1100803	Available, Standard, WM5 WWE, TE2000 License, No SD, 802.11b/g ETSI [803]
2	805-813-001	Vehicle Mounting Kit, 1½" Dual Ball Mount (5½" Mounting Arm with 1½" Ball)
3	203-779-001	Kit, DC/DC Converter, 6-60V , RoHS
	OR 203-832-001	Kit, DC/DC Converter, 15-96V , RoHS
4	VE011-2003	Mounting kit, keyboard, CV30 (Attaches small keyboard VE011-2022 to the CV30)
5	VE011-2022	Keyboard, compact, CV30 (Small (space constrained) QWERTY keyboard w/ TE template overlays)

	PART NUMBER	DESCRIPTION
1	VM3078CABLE	CABLE ADAPTS CV60 POWER CABLE TO VM SERIES AND CV41 DOCKS (Adapts 5-Pin Connector to VM Series Docks)

2	VM1002VMCRADLE	VM Series Dock: No DC power cable, includes D ball for dock (order if reusing VX8/VX9 power cable and RAM mount)
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THOR VM1A FORKLIFT INSTALL

Migrating Intermec CV31/CV61 Direct Wiring to Thor VM1A

Power Supply

For migrating an existing CV31/CV61 installation to Thor VM1A, most accessories can be re-used with the Thor VM1A.
If using the existing CV31/CV61 power supply installation, the VM3079CABLE adapter cable is required to power the Thor VM1A.
Dock: Use VM1002VMCRADLE, does include “D” ball for Dock but does not include DC power cable

Mounts

Reuse CV31/CV61 single ball “D” RAM Mount
If “E” Ball is in use, it will need to be changed to “D”.

Scanners

Reuse existing Intermec SR61 or Honeywell Granit Scanners.



Part Number	Description
1	CV61A11XPAN80000 CV61A, Standard Touch,1GB RAM, Windows XP Multilingual 40GB Solid State Drive,802.11 a/b/g/n (Worldwide)
OR	CV61A127MAN80000 CV61A, Standard Touch,2GB RAM, Windows 7 Multilingual 40GB Solid State Drive,802.11 a/b/g/n (Worldwide)
2	203-956-001 Vehicle Mounting Kit, Stubby Extra Duty RoHS (Includes CV61 Back Plate, 5" Arm, 2x Extra Duty 3.375" Balls.
3	203-950-001 KIT,WIRING,DIRECT,CV61 (For use direct wire 6-60V DC trucks to CV61 DC/DC input. Not for use with Heated touch screen.)
6	G9A-KB001-02 CV60 - Keyboard Mounting Kit (Tray mount attaches directly to CV61. Fully swivels. Compatible with all rugged keyboards.)
7	340-053-003 Keyboard, 101 Key, Backlit SLK-101 Win RoHS (PS/2, Windows layout)



VM1A Computer

VM1002VMCRADLE Dock Only
(Includes “D” Ball / No DC Power Cable)



PART NUMBER	DESCRIPTION
1	VM3079CABLE CABLE ADAPTS CV61 POWER CABLE TO VM SERIES AND CV41 DOCKS (Adapts 6-Pin Connector to VM Series Docks)

2	VM1002VMCRADLE VM Series Dock: No DC power cable, includes D ball for dock (order if reusing VX8/VX9 power cable and RAM mount)
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THOR VM1A FORKLIFT INSTALL

Migrating Intermec CV31/CV61 DC/DC Converter to Thor VM1A

Power Supply

For migrating an existing CV31/CV61 installation to Thor VM1A, most accessories can be re-used with the Thor VM1A.
If using the existing CV31/CV61 power supply installation, the VM3079CABLE adapter cable is required to power the Thor VM1A.
Dock: Use VM1002VMCRADLE, does include “D” ball for Dock but does not include DC power cable

Mounts

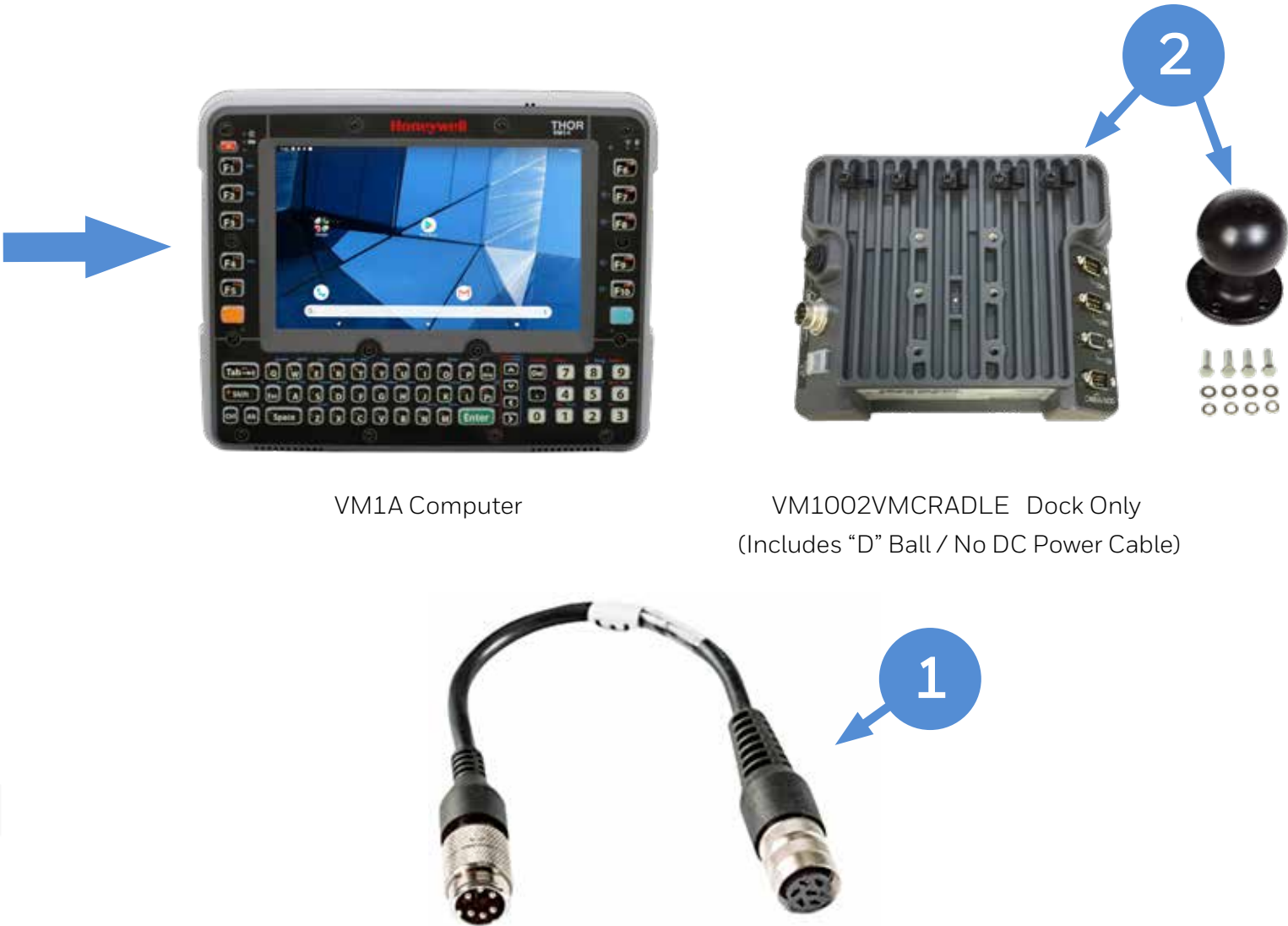
Reuse CV31/CV61 single ball “D” RAM Mount
If “E” Ball is in use, it will need to be changed to “D”.

Scanners

Reuse existing Intermec SR61 or Honeywell Granit Scanners.



Part Number	Description	
1	CV61A11XPAN80000	CV61A, Standard Touch,1GB RAM, Windows XP Multilingual 40GB Solid State Drive,802.11 a/b/g/n (Worldwide)
OR	CV61A127MAN80000	CV61A, Standard Touch,2GB RAM, Windows 7 Multilingual 40GB Solid State Drive,802.11 a/b/g/n (Worldwide)
2	203-956-001	Vehicle Mounting Kit, Stubby Extra Duty RoHS (Includes CV61 Back Plate, 5" Arm, 2x Extra Duty 3.375" Balls.
3	203-779-001	DC/DC Converter Kit, 6-60V DC, RoHS (Requires VE027-8024-C0 - converts CV60 5-pin power output cables to CV61 6-pin input)
OR	203-780-001	DC/DC Converter Kit, 15-96V DC, RoHS (Requires VE027-8024-C0 - converts CV60 5-pin power output cables to CV61 6-pin input)
AND	VE027-8024-C0	Cable, 5Pin Male to 6Pin Female
6	G9A-KB001-02	CV60 - Keyboard Mounting Kit (Tray mount attaches directly to CV61. Fully swivels. Compatible with all rugged keyboards.)
7	340-053-003	Keyboard, 101 Key, Backlit SLK-101Win RoHS (PS/2, Windows layout)



	PART NUMBER	DESCRIPTION
1	VM3061CABLE	Adapter for VM3 using CV31 / CV61 DC power cable with external DC/DC converter. Does not support CV61 ignition sensing. (Adapts 6-Pin Connector to VM Series Docks)
2	VM1002VMCRADLE	VM Series Dock: No DC power cable, includes D ball for dock (order if reusing VX8/VX9 power cable and RAM mount)

THOR VM1A FORKLIFT INSTALL

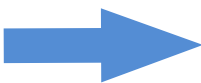
Migrating LXE VX8/ VX9 to Thor VM1A

Power Supply

Connect VX8/VX9 power cable directly to the dock if the screen blanking option is not used
Adapter cable (VM1082CABLE) available to allow the VX8 or VX9 power cable to be reused in screen blanking applications
Dock: Use VM1002VMCRADLE, does include “D” ball for Dock but does not include DC power cable

Mounts

Reuse VX8 or VX9 single “D” ball RAM mount.



VM1A Computer



VM1002VMCRADLE Dock Only
(Includes “D” Ball / No DC Power Cable)



VX8/VX9 Rear Mounting

PART NUMBER		DESCRIPTION
1	VM1002VMCRADLE	VM Series Dock: No DC power cable, includes D ball for dock (order if reusing VX8/VX9 power cable and RAM mount)

THOR VM1A FORKLIFT INSTALL

Migrating LXE VX6/ VX7 to Thor VM1A

Power Supply

Adapter cable VM1077CABLE enables reuse of the VX6/VX7 power cable
Dock: Use VM1003VMCRADLE, Dock Only does not include any mounts or DC power cable

Mounts

Reuse VX6 or VX7 single “D” ball RAM mount
Adapter Bracket for U-Bracket mount VM1011BRACKET



VM1A Computer

VM1003VMCRADLE Dock Only
(No Mounts / No DC Power Cable)



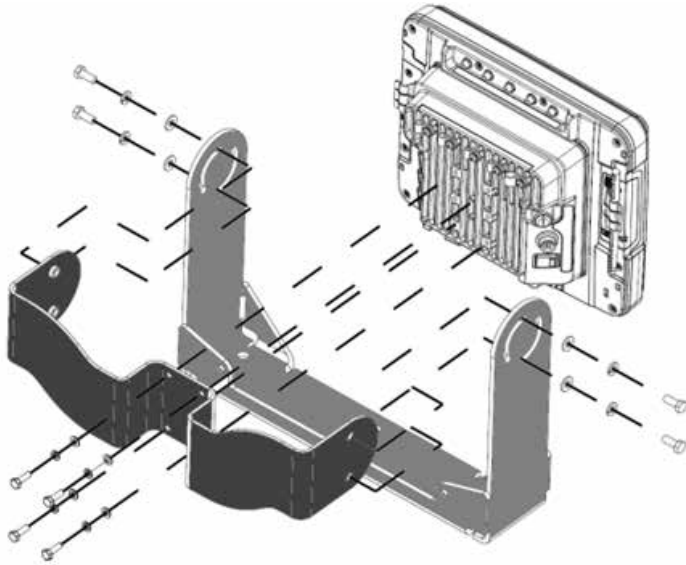
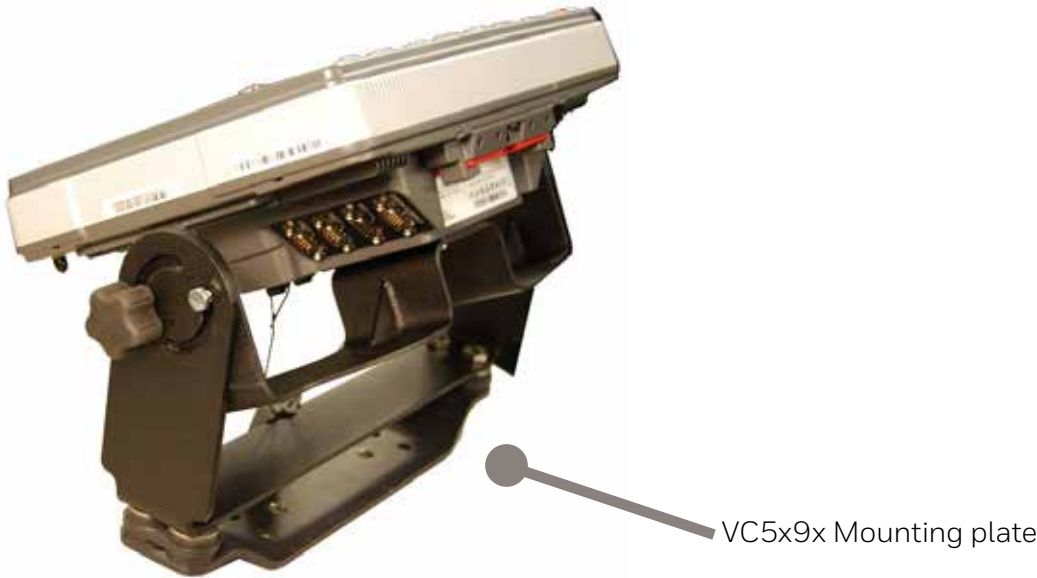
	PART NUMBER	DESCRIPTION
1	VM1077CABLE	ADAPTER CABLE FOR VX5/VX6/VX7 DC POWER CABLE
2	VM1003VMCRADLE	Standard Dock for VM Series (Spare - without power cable or RAM ball)
3	VM1011BRACKET	Thor Adapter Bracket for VX1, VX2, VX4, VX6 & VX7 U-Bracket Mounts

THOR VM1A FORKLIFT INSTALL

Migrating VC5x9x to Thor VM1A

Power Supply
Adapter cable VM3080CABLE enables reuse of VC5x9x power cables
Dock: Use VM1002VMCRADLE, does include “D” ball for Dock but does not include DC power cable

Mounts
Reuse VC5x9x U-Bracket mount with Adapter Bracket VM1012BRACKET



Exploded View of adapter plate to VC5x9x mounting bracket.



VM1A Computer



VM1003VMCRADLE Dock Only
(No Mounts / No DC Power Cable)



Front View



Top View

	PART NUMBER	DESCRIPTION
1	VM3080CABLE	ADAPTER CABLE FOR VX5/VX6/VX7 DC POWER CABLE
2	VM1003VMCRADLE	Standard Dock for VM Series (Spare - without power cable or RAM ball)
3	VM1012BRACKET	Adapter bracket, VM1, VM2 and VM3 to VC5090 mounting bracket with handles

THOR VM1A WITH FIXED AC POWER

Standard AC Power Connection for IT Setup/ Staging



	PART NUMBER	DESCRIPTION
	1	VM1A-LON-1A4A20A VM1A, 4GB RAM/32GB Flash, Internal WLAN antennas, Indoor 400 NITS Display, Projected Capacitive (PCAP) Touch Screen, Android (GMS), Software Client Pack (SCP) Pre-Licensed, ANZ & Argentina
	2	VM1001VMCRADLE DOCK WITH INTEGRAL POWER SUPPLY, 10 TO 60 VDC, DC POWER CABLE INCLUDED
	OR	VM3001VMCRADLE ENHANCED DOCK WITH INTEGRAL POWER SUPPLY, 10 TO 60 VDC, DC POWER CABLE INCLUDED
	3	VM1001BRKTKIT RAM mount kit, Round Base, Short arm 5inch (128 mm)
	OR	VM1002BRKTKIT RAM mount kit, Round Base, Medium arm 8.5inch (215 mm)
	OR	VM1003BRKTKIT RAM mount kit, Round Base, Long arm 13inch (330 mm)
	4	VM1078CABLE POWER CABLE ADAPTER FOR AC POWER SUPPLY, required for VM1301PWRSPPLY or VM1302PWRSPPLY
	5	VX89531PLATE RAM METAL TABLE STAND PLATE, NO BALL INCLUDED
	6	VM1302PWRSPPLY AC/DC POWER SUPPLY, (C14 TYPE POWER CORD REQUIRED)
	7	AC CORD IEC C13 AC Power Cord – See Page 38 for Country Specific Power Cords
OPTIONAL	8	CBL-500-120-S00-03 Charging and USB communication cable USB type A to Micro USB, 1.2 m (3.9 ft)
OPTIONAL	9	VM3052CABLE VM3 USB Y CABLE - USB/USB2 PORT TO TWO USB TYPE A PLUG (HOST), 10 INCH
OPTIONAL	10	VM1052CABLE VM SERIES USB Y CABLE - USB/USB1 PORT TO USB TYPE A PLUG 6 FT (1.8m) HOST AND USB TYPE A SOCKET 0.5 FT (0.15m) CLIENT

SERVICE	DESCRIPTION
SVCVM1A-SG3N	VM1A Edge Service, Gold Maintenance Contract, 3 Year, New Contract
ADD-ON SVCREPLACE-MOB3	AddOn, Edge Service, Device Replacement, Mobility, 3 Year
ADD-ON SVCACC-MOB3	AddOn, Edge Service, Accessory Service , Mobility, 3 Year. Service covers VM docks.

THOR VM1A I/O CONNECTORS

Enhanced Dock

VM3001VMCRADLE

DOCK WITH INTEGRAL POWER SUPPLY,
Enhanced I/O ,10 TO 60 VDC,
DC POWER CABLE INCLUDED



With Dust Cover installed



Ethernet RJ45
USB Host type A
(USB for software upgrades only)



PART NUMBER
DESCRIPTION

VM3052CABLE

VM3 USB Y CABLE - USB/
USB2 PORT TO TWO USB TYPE
A PLUG (HOST), 10 INCH

(Connects to USB2 connector)

PART NUMBER
DESCRIPTION

VM3010BRKTKIT

VM3 RAM mount kit for numeric
keypad or scanner holder

COM1 COM2

DB9M Serial Ports +5V Pin 9

Serial Scanners

PART NUMBER
DESCRIPTION

VM1052CABLE

VM SERIES USB Y CABLE - USB/
USB1 PORT TO USB TYPE A PLUG
6 FT (1.8m) HOST AND USB TYPE
A SOCKET 0.5 FT (0.15m) CLIENT

(Connects to USB1 connector)

MISCELLANEOUS

Granit XP Scanner & Accessories Options



PART NUMBER	DESCRIPTION
BAT-SCN05	Smart Battery: Lithium-ion battery for Xenon XP 1952 and Granit XP 1991i wireless scanners



PART NUMBER	DESCRIPTION
CCB22-100BT-03N	Base: Charge and Communication. Class 1 Bluetooth. 100m (300'), up to 3 scanners can be connected. Compatible with RS232/USB/KBW cables (sold separately).



PART NUMBER	DESCRIPTION
COB22	Base: Charge Only. Only one scanner can be connected at a time. Power supply PS-05-1000W-x required and must be purchased separately.



IEC C8



PART NUMBER	DESCRIPTION
MB4-BAT-SCN01NADO	Charger: 4-bay battery charger (NA) for use with Voyager 1202g, 1452g, Xenon 1902, Granit 1911i, Granit 1981i, 3820, 3820i, Lithium-ion batteries, NA desktop power supply (PS-050-4000D-NA), two mounting screws (100006897), and Instructions (MBC-INST)



PART NUMBER	DESCRIPTION
MB4-BAT-SCN01NAW0	4-bay battery charger (NA) for use with Xenon 1902 and Xenon XP 1952 Lithium-ion batteries, NA wall-mount power supply (PS-050-4000W-NA), two mounting screws (100006897), and instructions (MBC-INST).



PART NUMBER	DESCRIPTION
PS-05-1000W-A	Power Supply: NA plug, 1.0A @ 5.2VDC, 90-255VAC @ 50-60Hz
PS-05-1000W-C	Power Supply: EU plug, 1.0A @ 5.2 VDC, 90-255VAC @ 50-60Hz
PS-05-1000W-I	Power Supply: China, New Zealand, Australia, & Argentina plug, 1.0A @ 5.2 VDC, 90-255VAC @ 50-60Hz



MISCELLANEOUS

Granit XP Scanner & Accessories Options



PART NUMBER	DESCRIPTION
VMHOLDER2K	Vehicle Mount Cup: Contains vehicle mount Granit scanner cup with 1 inch ('B' Size) diameter ball joint attachment. Recommended for use with VMHOLDER3K (mounting arm with round attachment plate) or VMHOLDER4K (mounting arm with vehicle clamp), not included.



PART NUMBER	DESCRIPTION
VMHOLDER3K	Vehicle mount kit: Contains adjustable arm with 1 inch ('B' Size) diameter ball joints and circular mounting plate. Recommended for use with VMHOLDER2K cup (not included).



PART NUMBER	DESCRIPTION
VMHOLDER4K	Vehicle mount kit: Contains adjustable arm with 1 inch ('B' Size) diameter ball joints and square post clamp base for posts up to 3 in. wide. Recommended for use with VMHOLDER2K cup (not included).



VMHOLDER2K and VMHOLDER3K
Front and Rear views



VMHOLDER2K and VMHOLDER4K
Front and Rear views

MISCELLANEOUS

Granit XP Scanner & Accessories Options



PART NUMBER	DESCRIPTION
TOOLBAL	Tool Balancer Suspension reel commonly used for scanner mounting/retention on vehicles and in fixed locations.



PART NUMBER	DESCRIPTION
199XILNYRDPLT	Lanyard Plate Replacement metal lanyard plate for connection to tool balancer. Compatible with Granit XP 199Xi models. Pack of 1.



PART NUMBER	DESCRIPTION
520-24-H3	Scanner heater to prevent fogging in freezer operations. Includes cable retractor. For use with 24V power. Configured for Granit (XP and legacy) scanner compatibility.
520-36/48-H3	Scanner heater to prevent fogging in freezer operations. Includes cable retractor. For use with 36-48V power. Configured for Granit (XP and legacy) scanner compatibility.



PART NUMBER	DESCRIPTION
HOLSTER-INDUSTRIAL	Holster Securely holds Granit and Granit XP scanners, leaving hands free to accomplish tasks



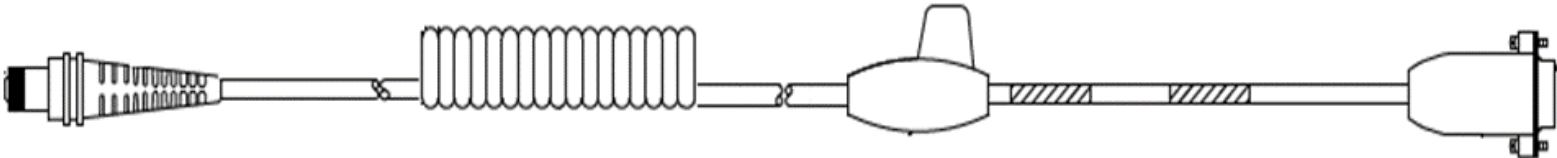
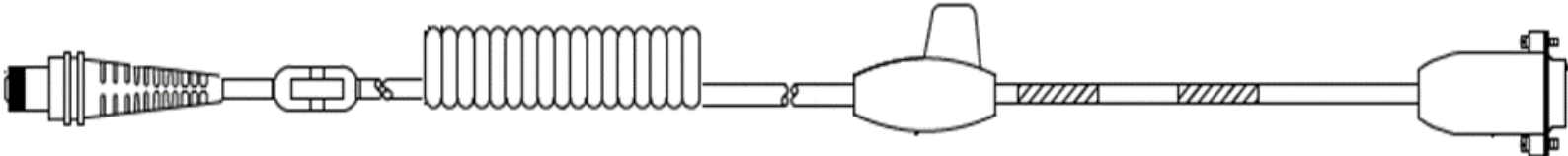
PART NUMBER	DESCRIPTION
1991IENDCAP	Battery End Cap Cordless Granit XP end cap (battery door) for 1991i models

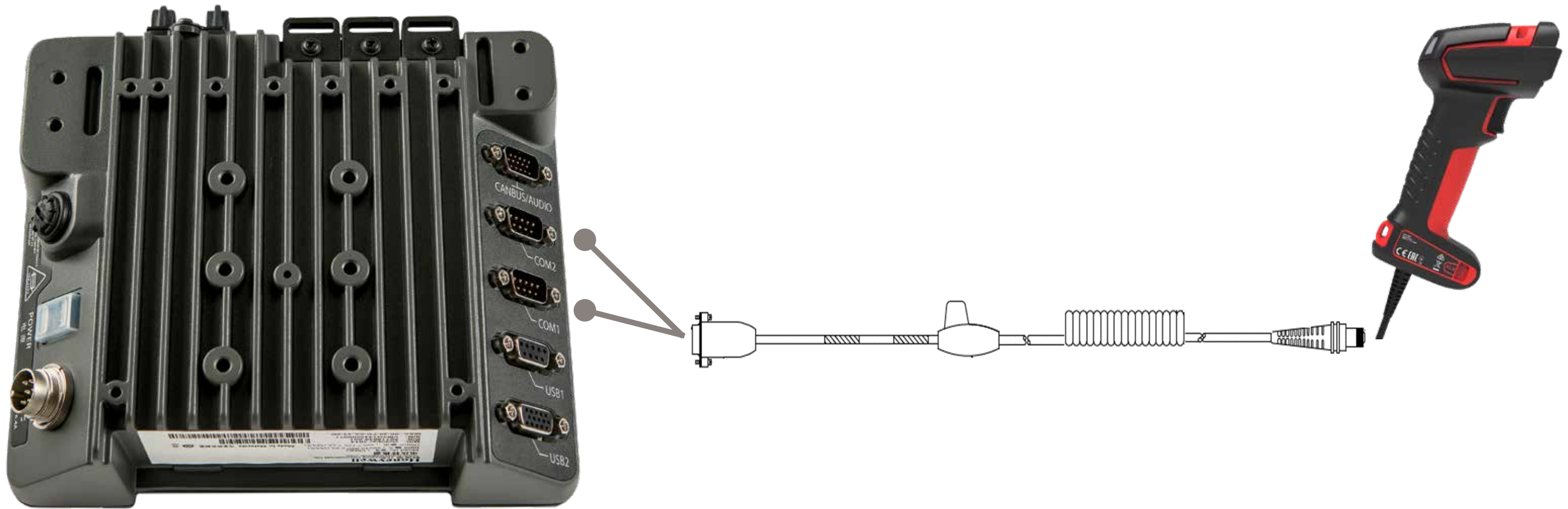


PART NUMBER	DESCRIPTION
199XIORING	Corded IP65/67 O-Ring O-ring seal for IP65/67 sealing with Granit XP scanner cables. Pack of 10.

MISCELLANEOUS

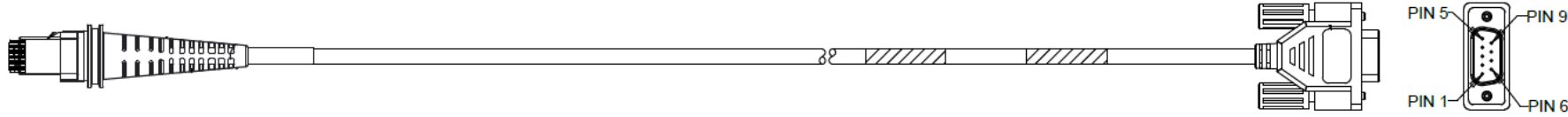
Granit XP Scanner Serial Cable Types

SERIAL	PART NUMBER	DESCRIPTION	LENGTH	TYPE	NOTES
	CBL-020-300-C00-01	Cable - Industrial: RS232 (5V signals), black, DB9 Female, 3m (9.8'), coiled, 5V external power with option for host power on pin 9, without ferrite	3m	COILED	Industrial USB cable for freezer environments
					
	CBL-020-300-C00-02	Cable - Industrial: RS232 (5V signals), black, DB9 Female, 3 m (9.8'), coiled, 5V external power with option for host power on pin 9, with ferrite	3m	COILED	Industrial Serial cable for freezer environments
					



MISCELLANEOUS

Granit XP Scanner USB Cable Types

USB	PART NUMBER	DESCRIPTION	LENGTH	TYPE	NOTES
	CBL-501-300-S00	CABLE, USB,9PIN DB9 MALE 5V, INDUSTRIAL	3m	STRAIGHT	Connect direct to the Smart Dock to DB9F USB/USB1 Port
					



DOCKS

Quick Mount Docking Kits



PART NUMBER	DESCRIPTION
VM1001VMCRADLE	Dock with integral power supply, 10V DC to 60V DC, DC power cable included. Supports all Thor VM series models. Order separately VM3055FUSE if an in-line fuse kit is required.

PART NUMBER	DESCRIPTION
VM1002VMCRADLE	Dock with RAM ball mount, includes “D” ball for dock, DC power cable not included. Supports all Thor VM series models. Note: Order if reusing VX8/VX9 power cable and RAM mount.

PART NUMBER	DESCRIPTION
VM1003VMCRADLE	Standard Dock for all Thor VM series models. Spare dock, without power cable or RAM ball.



PART NUMBER	DESCRIPTION
VM3001VMCRADLE	Dock with integral power supply. Enhanced I/O, 10V DC to 60V DC, DC power cable and fuse kit included. Supports all Thor VM series models, additional USB ports and Ethernet port.



PART NUMBER	DESCRIPTION
VMX004VMCRADLE	Enhanced dock with integral power supply, Enhanced I/O, 10 to 60 VDC, D ball included. Supports Thor VM series, additional USB ports and Ethernet port.



PART NUMBER	DESCRIPTION
VMX005VMCRADLE	Enhanced dock for off-vehicle use , Enhanced I/O, 15V DC, use with VM1076CABLE power cable. Supports CV41, and VM series, additional USB ports and Ethernet port.

MOUNTING

Mounting Kits



PART NUMBER	DESCRIPTION
VM1001BRKTKIT	RAM Mount Kit – Round Base, Short Arm



PART NUMBER	DESCRIPTION
VM1002BRKTKIT	RAM Mount Kit – Round Base, Medium Arm



PART NUMBER	DESCRIPTION
VM1003BRKTKIT	RAM Mount Kit – Round Base, Long Arm



PART NUMBER	DESCRIPTION
VM1004BRKTKIT	RAM Mount Kit – Clamp Base, Short Arm



PART NUMBER	DESCRIPTION
VM1005BRKTKIT	RAM Mount Kit – Clamp Base, Medium Arm



PART NUMBER	DESCRIPTION
VM1006BRKTKIT	RAM Mount Kit – Clamp Base, Long Arm



PART NUMBER	DESCRIPTION
VM1007BRKTKIT	RAM Mount Kit – Plate Base, Short Arm



PART NUMBER	DESCRIPTION
VM1008BRKTKIT	RAM Mount Kit – Plate Base, Medium Arm



PART NUMBER	DESCRIPTION
VM1009BRKTKIT	RAM Mount Kit – Plate Base, Long Arm

MOUNTING

Mounting Kits with External Keyboard



PART NUMBER	DESCRIPTION
VM2011BRKTKIT	RAM Mount Kit for VMC and Keyboard – Round Base, Short Arm



PART NUMBER	DESCRIPTION
VM2012BRKTKIT	RAM Mount Kit for VMC and Keyboard – Round Base, Medium Arm



PART NUMBER	DESCRIPTION
VM2013BRKTKIT	RAM Mount Kit for VMC and Keyboard – Round Base, Long Arm



PART NUMBER	DESCRIPTION
VM2014BRKTKIT	RAM Mount Kit for VMC and Keyboard – Clamp Base, Short Arm



PART NUMBER	DESCRIPTION
VM2015BRKTKIT	RAM Mount Kit for VMC and Keyboard – Clamp Base, Medium Arm



PART NUMBER	DESCRIPTION
VM2016BRKTKIT	RAM Mount Kit for VMC and Keyboard – Clamp Base, Long Arm



PART NUMBER	DESCRIPTION
VM2017BRKTKIT	RAM Mount Kit for VMC and Keyboard – Plate Base, Short Arm



PART NUMBER	DESCRIPTION
VM2018BRKTKIT	RAM Mount Kit for VMC and Keyboard – Plate Base, Medium Arm



PART NUMBER	DESCRIPTION
VM2019BRKTKIT	RAM Mount Kit for VMC and Keyboard – Plate Base, Long Arm

MOUNTING

Mounting Accessories



PART NUMBER	DESCRIPTION
VM1010BRKTKIT	Thor LXE U-Bracket mount kit, includes U-Bracket, Adapter Bracket and hardware



PART NUMBER	DESCRIPTION
VM1011BRACKET	Thor Adapter Bracket for VX1, VX2, VX4, VX6 & VX7 U-Bracket Mounts



PART NUMBER	DESCRIPTION
VM1012BRACKET	Adapter bracket, VM1, VM2 and VM3 to VC5090 mounting bracket with handles



PART NUMBER	DESCRIPTION
VM1001RAMBALL	THOR DOCK BALL, D-SIZE, WITH MOUNTING HARDWARE, for spare docks, included in RAM mount kits



PART NUMBER	DESCRIPTION
VM3002RAMBALL	BALL C-SIZE 1.5, Special base mounts to rear of VM3001VMCRADLE



PART NUMBER	DESCRIPTION
VX89A030RAMBALL	BALL D-SIZE 2.25, ROUND 3.68 BASE



PART NUMBER	DESCRIPTION
VX89A033RAMBALL	BALL D-SIZE 2.25, CLAMP BASE FOR 1.25 TO 1.875 PIPE MOUNT



PART NUMBER	DESCRIPTION
VX89A040RAMBALL	BALL D-SIZE 2.25, CLAMP BASE FOR 2 TO 2.5 PIPE MOUNT



PART NUMBER	DESCRIPTION
VX89A041RAMBALL	BALL C-SIZE 1.5, 2.5 ROUND BASE

MISCELLANEOUS

External Keyboard Options

Product Retirement Notice (PRN) 23-21 issued OCT-2023
9000160KEYBRD suggested replacement is 340-053-003-DB9P
Note: 9000029BRACKET keyboard mount plate is not compatible with 340-053-003-DB9P or 9000286KEYBRD



PART NUMBER	DESCRIPTION
9000160KEYBRD	Windows “Laptop” Style 95 key rugged keyboard with integrated 2 button mouse, USB Interface (DB9M Connector). Requires keyboard mount plate 9000029BRACKET



The backlight will not automatically come on at boot up. The backlight can be controlled by simultaneously pressing Ctrl-2nd-F10.

PART NUMBER	DESCRIPTION
9000151KEYBRD	Honeywell 60 KEY RUGGED KEYBOARD, QWERTY, PS2. Requires adapter cable 9000070CABLE & keyboard mount 9000029BRACKET. Operating Temperature: -30°C to +50°C
9000070CABLE	PS2 to USB Adapter cable for keyboards (DB9M - DB9F)



Recommended Screws 8#-32-UNC

PART NUMBER	DESCRIPTION
340-053-003-DB9P	Rugged Keyboard, 101 Keys, Backlit, cursor control, desktop or vehicle-mount, DB9M connector. Operating Temperature: -40°C to +70°C, Mount with 'C' RAM Ball VX89A041RAMBALL. Note: 9000029BRACKET keyboard mount plate is NOT compatible with 340-053-003-DB9P.



PART NUMBER	DESCRIPTION
9000029BRACKET	Keyboard, RAM Mount Plate with "C"-size ball 38.1 mm (1.5 in) Note: also contained in keyboard mounting kits.



Recommended Screws 8#-32-UNC

PART NUMBER	DESCRIPTION
9000286KEYBRD	Keyboard, 86 Key, Backlit, Pointing Device, DB9M connector, use with VMCs and Tablets. Operating Temperature: -40°C to +70°C, Mount with 'C' RAM Ball VX89A041RAMBALL. Note: 9000029BRACKET keyboard mount plate is NOT compatible with 9000286KEYBRD.





PART NUMBER	DESCRIPTION
9000161KEYBRD	THOR NUMERIC KEYPAD, 21 KEY, USB (DB9M Connector). Requires VM3010BRKTKIT and VM3001VMCRADLE for mounting

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Replacement Parts



PART NUMBER	DESCRIPTION
VM1055CABLE	VM1, VM2, VM3 DC power cable right angle (spare), replaces VM1054CABLE and CV41054CABLE, one cable is included with some docks



PART NUMBER	DESCRIPTION
VM3054CABLE	VM1, VM2, VM3, VM3A DC POWER CABLE (SPARE) WITH IN-LINE FUSE KIT, one cable is included with each dock



PART NUMBER	DESCRIPTION
VM3055FUSE	VM1, VM2, VM3 IN-LINE FUSE KIT



PART NUMBER	DESCRIPTION
9000311PWRSPPLY	Power Supply, DC/DC converter for 9 to 60V trucks, 60W. Use on vehicles with greater than 24 VDC power



PART NUMBER	DESCRIPTION
9000313PWRSPPLY	Power Supply, DC/DC converter for 50 to 150V trucks, 60W. Use on vehicles with greater than 48 VDC power



PART NUMBER	DESCRIPTION
VM1376BATTERY	REPLACEMENT UPS BATTERY

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Replacement Parts



PART NUMBER	DESCRIPTION
VM2276ANTENNA	Set of two Dual Band WLAN Whip Antennas - attach directly to computer



PART NUMBER	DESCRIPTION
VM1277ANTENNA	REMOTE 802.11 DUAL BAND ANTENNA KIT 15 FT (4.6M), includes one antenna, cable, flat bracket and right angle bracket



PART NUMBER	DESCRIPTION
VM1512LCDFILM	Screen Protective Film



PART NUMBER	DESCRIPTION
VM1510STYLUS	VM SERIES RESISTIVE STYLUS KIT WITH TETHERS, 5 PACK



PART NUMBER	DESCRIPTION
VM3511STYLUS	VM1A, VM3 CAPACITIVE STYLUS KIT WITH TETHERS, 5 PACK

Product Update DEC-2022
VX89351PWRSPPLY is replaced by CV41351PWRSPPLY



PART NUMBER	DESCRIPTION
CV41351PWRSPPLY	Screen Blanking Switch Box Requires VM1080CABLE



PART NUMBER	DESCRIPTION
VM1080CABLE	Screen Blanking Box Cable VM1 screen blanking box cable, D9F to bare wires, 6ft. (1.8m).

MISCELLANEOUS

Replacement Parts

Note: VM1A540FRONTPNL Indoor RESISTIVE and VM1A542FRONTPNL Defroster RESISTIVE are interchangeable on the VM1A as they both use the 400NIT display.



PART NUMBER	DESCRIPTION
VM1A540FRONTPNL	Thor VM1A replacement front panel, Indoor RESISTIVE Replacement front panel for VM1A-LON-xx1xxxx



PART NUMBER	DESCRIPTION
VM1A542FRONTPNL	Thor VM1A replacement front panel, Defroster RESISTIVE Replacement front panel for VM1A-LON-xx2xxxx



PART NUMBER	DESCRIPTION
VM1A541FRONTPNL	Thor VM1A replacement front panel, Outdoor RESISTIVE Replacement front panel for VM1A-LON-xx3xxxx



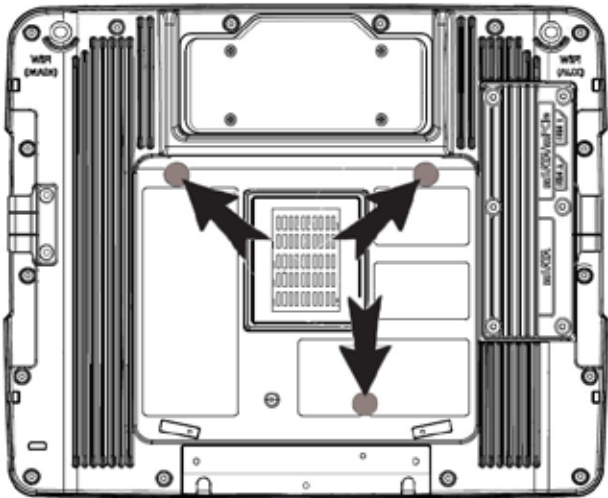
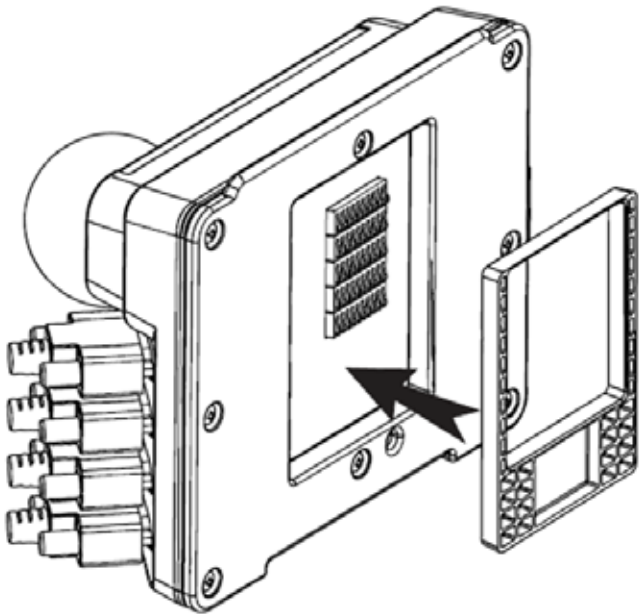
PART NUMBER	DESCRIPTION
VM1A543FRONTPNL	Thor VM1A replacement front panel, Indoor PCAP Replacement front panel for VM1A-LON-xx4xxxx



PART NUMBER	DESCRIPTION
VM1A544FRONTPNL	Thor VM1A replacement front panel, Outdoor PCAP Replacement front panel for VM1A-LON-xx6xxxx

MISCELLANEOUS

Replacement Parts



QM1500SPACER

Kit includes 25 anti-vibration spacers for standard docks
(Dock SKU starts with "VM1" or "CV41")

QM3500SPACER

Kit includes 25 anti-vibration spacers for enhanced docks
(Dock SKU starts with "VM3" or "VMX")



Approximate spacer dimensions:
104.33mm x 75.33mm x 7.32mm
4.11" x 2.97" x 0.29"



Approximate spacer dimensions:
104.31mm x 95.33mm x 7.30mm
4.08" x 3.75" x 0.29"

PART NUMBER	DESCRIPTION
QM1500SPACER	Anti-vibration spacer for the VM1001VMCRADLE, VM1002VMCRADLE or VM1003VMCRADLE docks, 25 pack. Order VM1500RETROFIT pad kit separately
QM3500SPACER	Anti-vibration spacer for the VM3001VMCRADLE or VMX004VMCRADLE docks, 25 pack. Order VM1500RETROFIT pad kit separately

PART NUMBER	DESCRIPTION
VM1500RETROFIT	Anti-vibration foam pad kits – upgrades 32 VM1, VM2, VM3 or CV41 computers



PART NUMBER	DESCRIPTION
VM1DCONNRETROFIT	Dock Power Connector Nut repair kit for the VM1 and CV41 docks, 10 nuts and tool

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Optional Parts

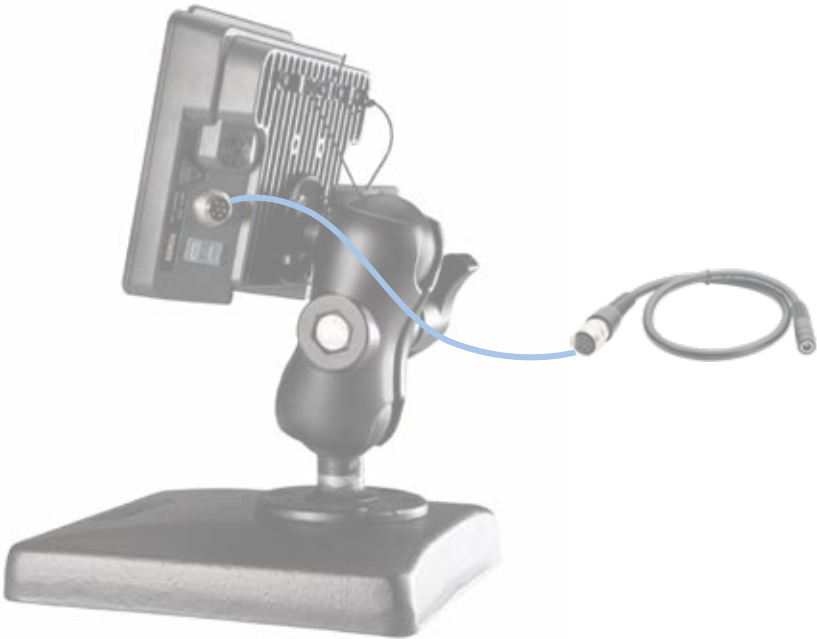
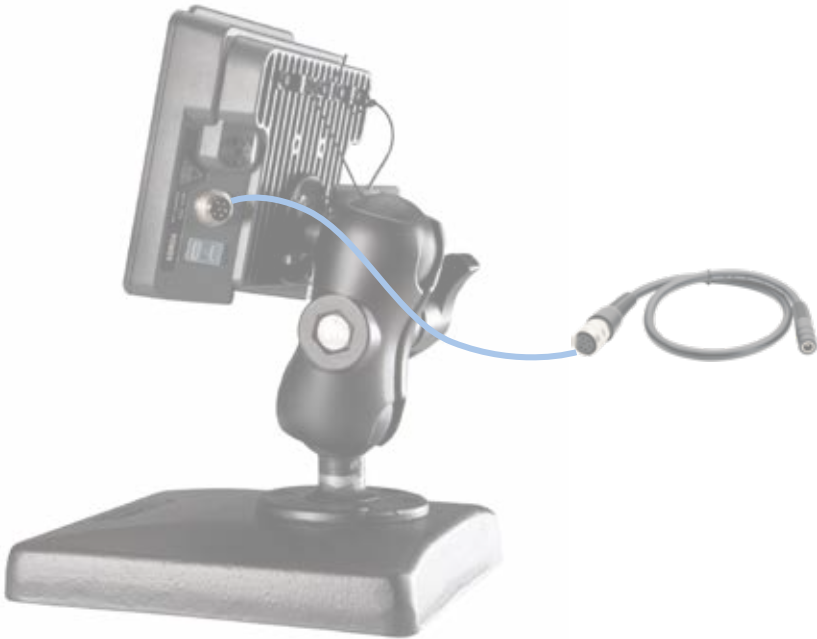
Replacement Power Supplies.



IEC C14



IEC C14



PART NUMBER	DESCRIPTION
VM1301PWSPLY	AC/DC POWER SUPPLY for VM series spares only. Includes US Power Cord

PART NUMBER	DESCRIPTION
VM1302PWSPLY	AC/DC POWER SUPPLY, (C13 TYPE POWER CORD REQUIRED)

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Micro-SD Cards

Honeywell Recommended – ATP Industrial Grade Micro SD Cards



Why ATP Industrial Grade SD?

ATP's SIP (System-In-Packaging) manufacturing process encapsulates all exposed components and points of failure to ensure the products are fully waterproof, shockproof, and ESD (Electro-Static Discharge) proof. ATP Industrial Grade SD/SDHC Cards can withstand at least an operating/storage temperature range of at least -40 to 85 degrees Celsius. In addition to this temperature range, the cards are completely waterproof, dustproof, and ESD (Electro-Static Discharge) proof. All ATP Industrial Grade SD/SDHC cards are produced under a stringent RoHs and Green Package compliant manufacturing process to guarantee a consistent high level of build quality and performance. ATP Industrial SD cards deliver outstanding performance with read speed (seq) up to 18MB/sec and write speed (seq) up to 16MB/sec. All ATP Industrial Grade CF, SD, USB drives, and SSDs are constructed using best-in-class SLC(Single-Level Cell) components with enhanced Error Correction Code(ECC) functions and wear levelling algorithms. This results in MTBF ratings over 2 million hours and the highest write cycle lifetimes in the industry.

	PART NUMBER	DESCRIPTION
1	856-065-004	MICRO-SD CARD, 1GB , AFIGUDI, ROHS
OR	856-065-005	MICRO-SD CARD, 2GB , AFIGUDI, ROHS
OR	856-065-006	MICRO-SD CARD, 4GB , AFIGUDI, ROHS
OR	856-065-007	MICRO-SD CARD, 8GB , AFIGUDI, ROHS

AC Cords

Regional Power Cords



AC Power - C13 Type Connector

PART NUMBER	DESCRIPTION
50117501-001	Power Cord Australia 2500mm,sled CB
321-501-002	AC Power Cord, Denmark RoHS
77900508E	Cable: power cord, power supply to AC outlet, straight, Power cord, Europe EU, IEC320-C13, 2.5 m (8.2 ft)
321-502-002	AC Power Cord, India/South Africa RoHS
321-500-002	AC Power Cord, Japan RoHS
9000093CABLE	AC POWER CABLE, C14 TYPE, SWITZERLAND 3-PIN
77900507E	Cable: power cord, power supply to AC outlet, straight - Power cord, UK, IEC320-C13, 2.5 m (8.2 ft)
130063	Cable, power cord, power supply to AC outlet, straight (US type B grounded 3 prong, C13), 2.5m (8.2ft)

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For more information

sps.honeywell.com

Honeywell Safety and Productivity Solutions

855 S Mint St
Charlotte, NC 28202
800-582-4263
www.honeywell.com