

Workabout Pro 4

EMC Configuration and Accessories Guide

Designed to assist customers and partners with model and configuration guidance



Workabout Pro 4

- CONFIGURATION AND ACCESSORY GUIDES are available on Insite and PartnerCentral
- Also see
 www.motorolasolutions.com/workaboutpro4 and the
 WAP-4 Configuration and Accessories Guide

Find Product Information in the EMC Product Portfolio on Insite and Partner Central



- WAP-4 Third party accessories:
 - www.Portsmith.com

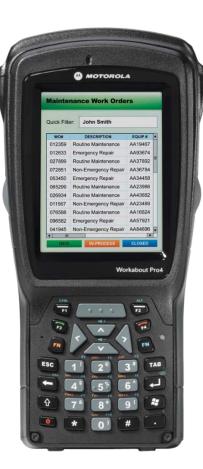
WAP4 Configuration Matrix

CONFIGURATION OPTIONS:	WA4xx	OPTION	DESCRIPTION
Form Factor and Keyboard	WA4Lxxxxxxxxxxxxxx	L	Long Version - Alphanumeric Keyboard
	WA4Sxxxxxxxxxxxxx	S	Short Version - Numeric Keyboard
	WA4Qxxxxxxxxxxxx	Q	Short Version - QWERTY Keyboard
Operating System	WA4x1xxxxxxxxxxxx	1	Microsoft Windows Compact Embedded 6.0
	WA4x2xxxxxxxxxxx	2	Microsoft Windows Mobile Handheld 6.5.3
Local Language	WA4xx1xxxxxxxxxx	1	English
	WA4xx2xxxxxxxxxx	2	French
End-cap Options	WA4xxxx0xxxxxxxx	0	None
	WA4xxxx1xxxxxxxx	1	SE965 Standard 1D Laser End cap
	WA4xxxx2xxxxxxxx	2	SE655 1D Linear Imager End cap
	WA4xxxx3xxxxxxxx	3	SE4500 2D Imager End cap
	WA4xxxx4xxxxxxxx	4	Headset Jack 2.5mm
	WA4xxxx5xxxxxxxx	5	RFIDUHF Linear Antenna FCC/IC Countries
	WA4xxxx6xxxxxxxx	6	RFID UHF Linear Antenna CE Countries
	WA4xxxx9xxxxxxxx	9	RFID HF CE/FCC/IC Country
	WA4xxxxAxxxxxxxx	Α	SE1524 1D Extended Range Laser
	WA4xxxxExxxxxxxx	E	RFID LF CE/FCC/IC Countries
Back Cover Options	WA4xxxxx <mark>0</mark> xxxxxxxx	0	Blank Back Cover
	WA4xxxxx1xxxxxxx	1	SE965 1D Laser Slim Pod
	WA4xxxxx2xxxxxxx	2	SE655 1D Imager Slim Pod
	WA4xxxxx3xxxxxxx	3	SE4500 2D Imager Slim Pod
	WA4x2xxx4xxxxxxx	4	8 MP Camera Back Cover
	WA4xxxxx5xxxxxxx	5	RFIDUHF Circular Antenna, FCC/IC Countries Back Cover
	WA4xxxxx6xxxxxxx	6	RFID UHF Circular Antenna, CE Countries Back Cover
Radio Options	WA4xxxxxx1xxxxxx	1	802.11 a/b/g/n, No Diversity, BT2.0+EDR
	WA4xxxxxx2xxxxxx	2	802.11 a/b/g/n, Diversity, BT2.0+EDR, GPS, No Stylus
	WA4xxxxxx4xxxxxx	4	802.11 a/b/g/n, Diversity, BT2.0+EDR, UMTS/HSPA+, CE Cntry, No Stylus
	WA4xxxxxx5xxxxxx	5	802.11 a/b/g/n, Diversity, BT2.0+EDR, UMTS/HSPA+, FC/IC Country
Pistol Grip / Hand Strap	WA4xxxxxxxxx0xxx	0	No Pistol, No Strap
	WA4xxxxxxxxx1xxx	1	Pistol Grip, No Strap
	WA4xxxxxxxxx2xxx	2	No Pistol, Double Loop Handstrap
Battery	WA4xxxxxxxxxx2xx	2	4400mAh
Country or Custom Code	WA4xxxxxxxxxxxC	С	China
	WA4xxxxxxxxxxww	W	Worldwide less China

WA4xxxxxxxxxxxW

Workabout Pro 4 Main variants





Workabout Pro 4

Workabout Pro 4 Long - Alpha Numeric Keyboard

- Windows CE 6.0
- Windows Embedded Hand Held 6.5

Workabout Pro 4 Short – Numeric Keyboard Workabout Pro 4 Short – Qwerty Keyboard

- Windows CE 6.0
- Windows Embedded Hand Held 6.5

WAP4 Operating System options



Operating System options



Microsoft Windows Embedded Handheld 6.5 Classic Edition

Microsoft Windows
Embedded Compact 6.0





Operating System Configurations

Microsoft Windows

Embedded Handheld 6.5 Classic Edition

Microsoft Windows

Embedded Compact 6.0



OS in Local languages available for download on Support Central portal.motorolasolutions.com/Support/US-EN/Mobile+Networks+RFID+and+BarCode+Scanners/Mobile +Computers/Handheld+Computers/WorkaboutPro4 US-EN

WAP4 Radio options





Built-in Radios

802.11 A/B/G/N, **No Diversity** Antenna with Bluetooth 2.0 + EDR

802.11 A/B/G/N, **Diversity** Antenna with Bluetooth 2.0 + EDR, **GPS** and No Stylus

802.11 A/B/G/N, Diversity Antenna with Bluetooth 2.0 + EDR, **UMTS / HSPA+, CE Countries and No Stylus**

802.11 A/B/G/N, Diversity Antenna with Bluetooth 2.0 + EDR, **UMTS / HSPA+**, **FCC / IC Countries and No Stylus**

Applicable only for Upgrades / Reconfiguration

Radio Modules

RA3051 HSPA+ WAN expansion module,

compatible with Short and Long configurations, end-cap of choice is

ordered separately.

RA3052 Diversity Wi-Fi / Stand alone GPS

antenna module, compatible with Short and Long configurations, endcap of choice is ordered separately.

Installation instructions for Radio Modules:

http://www.ingenuityworking.com/knowledge/w/knowledgebase/ 1525.workabout-pro4-product-manuals.aspx

WAP4 End-cap options



Data capture & other options

Choose end cap for best ergonomic solution!

Data Capture End-Caps

WA9022 SE1524ER 1D Lorax extended range laser

WA9016 SE965 1D Standard range laser

WA9018 SE655 1D Linear imager

WA9020 SE4500 2D Imager

OR

Other End-Caps

WA6212 WAN/GPS/Wi-Fi diversity end-cap

WA6213 Multi-purpose end capWA6215 Headset adapter end-cap

WA6214 Standard blank end-cap, with stylus



Optional pistol grip WA6103

Pistol grip attachment kit. Includes flush mount pistol grip with trigger, and screws

Applicable only for Upgrades / Reconfiguration



When using WA9022 Lorax Laser end-cap with or without pistol grip, a trigger board WA9301 is required as back cover, so camera (located in back cover) is not compatible. WAN upgrade is not compatible with Lorax End cap

For all other end-cap engines, a trigger board WA9302 is required **ONLY** when using the pistol grip.



WA9022 1D Lorax Laser



WA9016
1D Standard Range Laser



WA9018
1D Linear Imager



WA6213 Multi-purpose end cap



WA9020 2D Imager



All end-cap scanners and pistol grip are compatible with short and long configurations

WAP4 RFID End Caps/Back Covers

(iii) RFID options

Ultra High Frequency (UHF)

WA9901 Linear antenna, FCC / IC country certified end cap

WA9902 Linear antenna, CE Country certified end cap

WA9903 Circular antenna, FCC / IC Cntry certified back cover

WA9904 Circular antenna, CE Country certified back cover

Both UHF antenna modules are compatible with scanners, pod scanner for linear variant and end cap scanner for circular RFID variant.

All circular UHF antenna modules are installed to the WAP4 units as back-covers





Linear antenna is sensitive to tag orientation, circular antenna is not.

High (HF) and Low Frequency (LF) End Caps

WA9905 HF module, FCC/IC, CE country certified end cap

WA9906 LF module, FCC/IC, CE country certified end cap



All RFID options are compatible with or without a WAN radio. Before choosing any combination, review the local country approval list.



WAP4 Trigger boards

Trigger Boards

WA9301 Trigger board for SE1524-ER,1D Lorax

extended range laser end-cap.

WA9302 Trigger board for 1D standard range

laser or 1D/2D imager end-cap

Additional pistol grip

WA6103 Pistol grip attachment kit. Includes flush mount pistol grip with trigger, and screws



Applicable only for Upgrades / Reconfiguration



Trigger board WA9301 is always required when using WA9022 Lorax laser end-cap with or without pistol grip







Inside Back Cover

WA9301

Trigger Board for Lorax Laser End-Cap

WA9302

Trigger Board for 1D Laser or 1D/2D Imager End-Cap

Trigger board WA9302 is required for 1D laser or 1D/2D imager **ONLY** when using the pistol grip





All trigger boards are compatible with short and long configurations

WAP4 Back cover options



Data capture and other options

Choose slim pod scan engine if you need additional technology in end cap (e.g., RFID LF, HF, UHF Linear, Head Set Jack, etc.)

Back Covers

WA6208 Standard blank back-cover

WA9021

8.0 megapixel camera module (not available for Lorax End cap and Win CE OS)

OR

Slim pod Engines

WA9017 SE655 1D Linear imager

WA9019 SE4500 2D Imager

WA9015 SE965 1D Standard range laser



Optional pistol grip WA6003

Pistol grip attachment for slim pod

Slim pods with pistol grip increases terminal's Z dimension

Applicable only for Upgrades / Reconfiguration



WA9021 8MP Camera Module



WA6208
Standard Blank Back-Cover



WA9015 1D Standard range laser



WA9019 2D Imager



WA9017 1D Linear Imager

Slim pods have built in trigger boards



All covers, slim pods and pistol grip are compatible with short and long configurations

WAP4 Battery options



Spare Battery options

If you're changing battery types, a battery door is required when purchasing Super High Capbatteries



Extended Battery



WA3010

4400 mAh



WA3026 4680 mAh

Compatible battery doors:



WA3017-G2

Battery door for long configurations



WA3018-G2

Battery door for **short** configurations

Spare Battery



WA3006 3300 mAh

Migrating to



Compatible battery doors:



WA3015-G2

Battery door for long configurations



WA3016-G2

Battery door for **short** configurations

WAP4 Charging methods

Cradle options



Single Slot Cradle:

WA4003-G2 Single slot USB cradle for short and

long configurations.

WA4003-AR Single slot USB cradle for short and long configurations (Argentina).



The single slot cradle is compatible with the pistol grip, charges a spare battery and has USB master and slave connections.

The single slot cradle includes a power supply (PS1050-G1 or PS1050-AR for Argentina) with country adapters and a USB cable.





WAP4 Charging methods





Four Slot Cradle:

WA4204-G2 Four slot Ethernet cradle for all **long** configurations.

WA4304-G2 Four slot Ethernet cradle for all **short** configurations.

The four slot cradle includes a power supply (PS1055-G1). Must purchase specific country AC Line Cord.





AC Line Cords:

- 9008693 for North America
- 9008892 for Europe
- 9008950 for UK

Battery Charger



WA3004-G1 Four slot battery charger to be used with high and ultra high capacity batteries. Includes power supply (PS1056-G1). Must order AC line cord separately.

WAP4 Charging methods



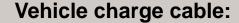
Vehicle cradle:

WA1210-G2

Vehicle cradle 12V, for use with long configurations



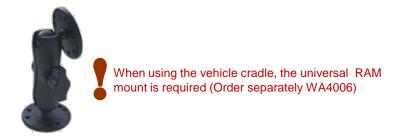
Vehicle cradle 12V, for use with **short** configurations



RV3050

Vehicle charge cable, allows to charge directly any long or short configurations.









CA3002

CA1210

For powered connection, must order a power cable 9-20V input (CA1210) or the vehicle power outlet adapter cable (CA3002)



Optional Accessories



WA4005-G1

Port replicator connects serial devices to the vehicle cradle.



PS1350

Pre-regulator module required when connecting the vehicle cradle to power sources above 20V to a maximum of 72V.

WAP4 Carrying Accessories



Holsters

WA6083

Soft Holster and Belt for use with all short and long configurations when using the pistol grip. Includes belt, tether (pistol grip to holster) and leg strap.

WA6084

Nylon Pouch for use with all short and long configurations when using the pistol grip. The nylon pouch is not approved in FCC countries.

Carry Cases

Includes belt clip.

WA6180 Standard Carry Case, for use with **short** configurations.

Includes belt clip.

WA6081 Carry case (open ended), for use with **long** configurations

while using end cap scanners and most RFID options.

WA6181 Carry case (open ended), for use with **short** configurations

while using end cap scanners and most RFID options.

Optional shoulder strap for carry cases

CV6021

Shoulder strap for use with all carry cases.



^{*} Note: Carry cases are not approved in FCC countries

WAP4Carrying Accessories



Rubber Boots

WA6400 Rubber boot for use with long LAN

configurations with/without using

scanner pods/pistol grip

WA6402 Rubber boot for use with long

extended range laser configuration

with/without using pistol grip

Optional shoulder strap for rubber boots

CV6021 Shoulder strap for use with all rubber boots





WAP4 Carrying Accessories



Hand Straps

WA6025 Hand strap with mobile stylus (double

loop) for long configurations

WA6125 Hand strap with stylus (double loop) for

short configurations

Hand Straps include a tethered stylus



Miscellaneous

WA6100-G1 Replacement end cap stylus (pack of 5)

WA6310-G1 Mobile stylus with holder kit, includes

stylus, tether and holder

WA6113 Screen Protector (pack of 3)



WA6025 Hand Strap with Mobile Stylus



WA6310-G1
Mobile Stylus with Holder Kit

WAP4Optional tether adapters







CA2950-G1
Open ended cable with strain relief (150mm/ 6ft)

Tether to Dsub9 Cable



WA4020-G2

It provides RS232 connectivity (Dsub9 connector) to any short and long configurations through the tether port.

Tether to USB A Cable



WA1002

It provides USB A connectivity to any short and long configs through the tether port.
Supports USB peripherals.
Not used for active sync.

USB to Ethernet Adapter (3rd party)



PSA1U1E

USB to Ethernet adapter with no separate power supply requirement.

WAP-4 Third party accessories: www.Portsmith.com



www.L-TronDirect.com 800-830-9523 info@L-Tron.com

