



MC9200 Series

EMC Configuration and Accessories Guide

*Designed to assist customers and partners with model and
configuration guidance*

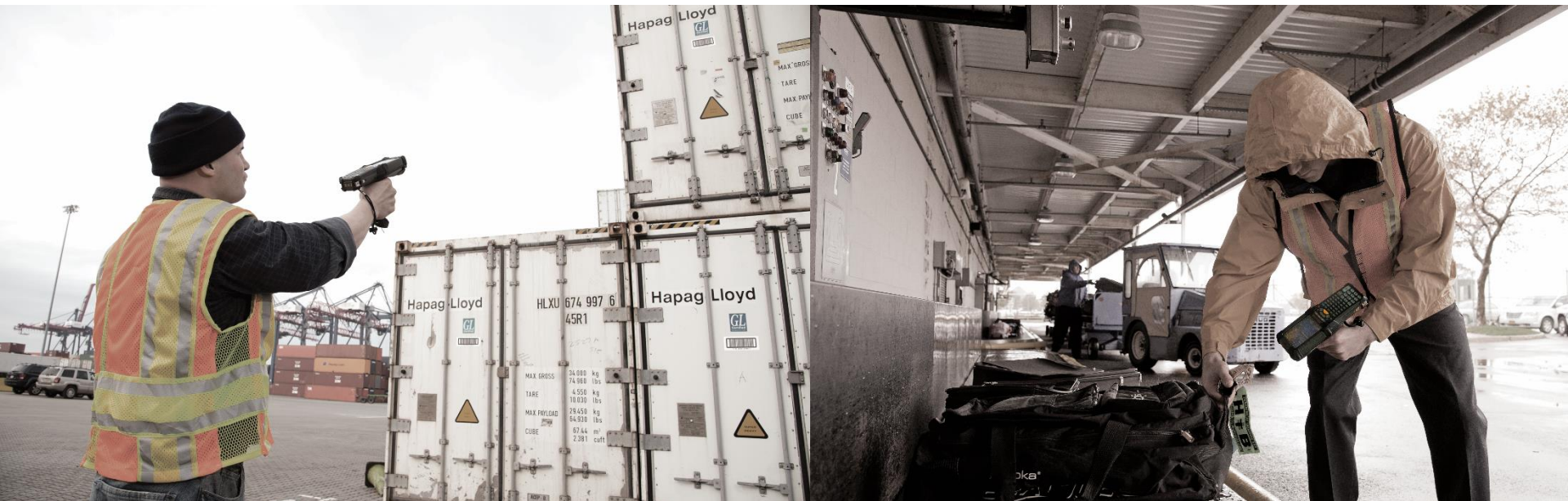
**January 2018*



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MC9200 Configuration Guide



MC9200 Series

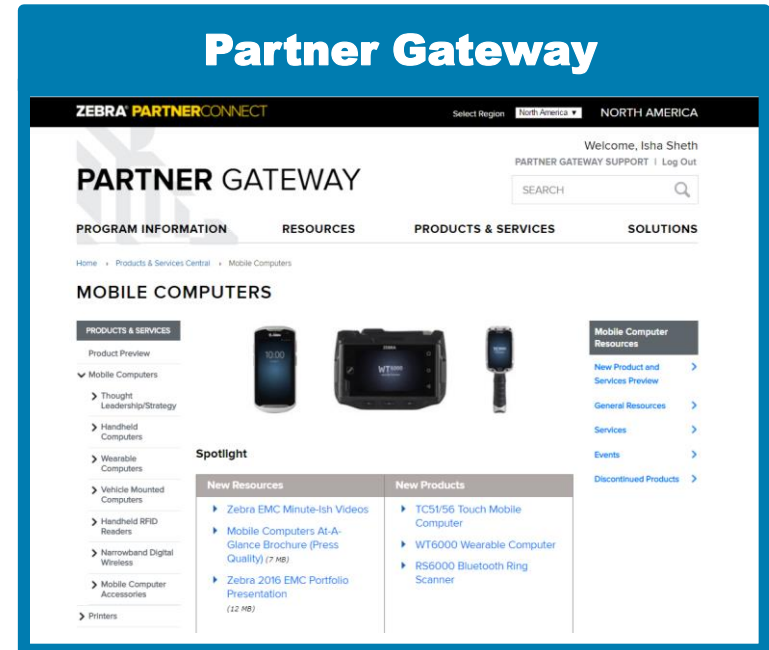
CONFIGURATION & ACCESSORY GUIDES are available on [The Source](#) and [PartnerPortal](#)

For access to additional product information including this guide, please visit:

www.zebra.com/mc9200

- All MC9200 configurations are backward compatible with all existing accessories including: Cradles, Holsters and Cables

Find Product Information in the **EMC Product Portfolio** on [The Source](#) and [PartnerPortal](#)



MC9200 Third party Accessories:

- www.vxicorp.com
- www.agoraleather.com

CONFIGURATION OPTIONS:	MC92xx	OPTION	DESCRIPTION
Radio Option	MC92N0-xxxxxxNxxxx	N	WLAN 802.11 a/b/g/n
Form Factor	MC92N0-GxxxxxxGxxxx	G	Gun
Data Capture options (Scanner)	MC92N0-GAxxxxxxAxxxx	A	SE965 1D Standard range laser
	MC92N0-GJxxxxxxJxxxx	J	SE1524ER Lorax Long Range Laser
	MC92N0-G3xxxxxx3xxxx	3	SE4500 Blockbuster Imager (EOL)
	MC92N0-G5xxYxxxxx	5	SE4500 Blockbuster Imager with DPM (Only in Premium Model)
	MC92N0-G8xxYxxxxx	8	SE4500 Blockbuster DL Imager (Only in Premium Model)
	MC92N0-G9xxxxxx9xxxx	9	SE4600 Long Range Imager (EOL)
	MC92N0-GLxxxxxxLxxxx	L	SE4750SR Imager
	MC92N0-GMxxxxxxMxxxx	M	SE4750MR Imager
	MC92N0-GPxxxxxxPxxxx	P	SE4850 Extended Range Imager
	WAN Carrier options	MC92N0-Gx0xxxxxx0xxxx	0
Display	MC92N0-GxxSxxxxxxSxxxx	S	Color 3.7" Diagonal (640 x 480 pixels) w/ Touch
Memory options	MC92N0-GxxxXxxxxxxXxxxx	X	512 MB RAM / 2 GB Flash (Standard Model Config)
	MC92N0-GxxxYxxxxxxYxxxx	Y	1GB RAM / 2 GB Flash (Premium Model Config)
Product Feature: User Input/Keyboard	MC92N0-GxxxxAxxxxxxAxxxx	A	28 Key Numeric Keypad
	MC92N0-GxxxxExxxxxxExxxx	E	53 Key Alpha-Numeric Keypad
	MC92N0-GxxxxFxxxxxxFxxxx	F	43 Key Numeric Keypad
	MC92N0-GxxxxGxxxxxxGxxxx	G	53 key VT Emulator Keypad
	MC92N0-GxxxxHxxxxxxHxxxx	H	53 key 3270 Emulator Keypad
	MC92N0-GxxxxJxxxxxxJxxxx	J	53 key 5250 Emulator Keypad
	MC92N0-GxxxxVxxxxxxVxxxx	V	53 key High Visibility White Keys (Only in Premium Model)
	Operating System Options	MC92N0-GxxxxQxxxxxxQxxxx	Q
MC92N0-GxxxxRxxxxxxRxxxx		R	Windows Mobile 6.5 Without MS Office
MC92N0-GxxxxYxxxxxxYxxxx		Y	Windows Compact Embedded 7.0
Additional Features	MC9290-GxxxxAxxxxxxAxxxx	A	Android KitKat 4.4 • <i>Android configurations do not support the SE4600 engine</i>
	MC92N0-GxxxxxA5xxxA5xx	A5	Audio, Voice and Bluetooth
	MC92N0-GxxxxxA6xxxA6xx	A6	Audio, Voice, Bluetooth and IST (Only in Premium Model)
Country or Custom Code	MC92N0-GxxxxxxC6xxxC6xx	C6	Condensation Resistant with Audio, Voice, Bluetooth, IST (Only in Premium Model)
	MC92N0-GxxxxxxXXXXXX	XX	WR = Worldwide ROHS; IN = India only

MC9200 Configurations Available



MC9200 Variants

Standard

Memory:

- 512MB RAM / 2GB Flash Memory

Operating Systems:

- Windows CE 7.0
- Windows Embedded Handheld 6.5.X

Premium

Increased memory:

- 1GB RAM / 2GB Flash Memory

Operating Systems:

- Windows CE 7.0
- Windows Embedded Handheld 6.5.x with Microsoft Office (Office removed on premium configurations built after July 1, 2016)
- Android Kit Kat 4.4

Added features:

- Integrated RFID tag (for asset management)

Other Options:

- 53 High Visibility Keypad option
- DL scan engine, DPM scan engine
- Condensation Resistant

MC9200 Data Capture Methods

Scan Engines

- MC92N0-GA** SE965 1D Standard Range laser
- MC92N0-GJ** SE1524ER Lorax Long Range 1D laser
- MC92N0-G5** SE4500 Blockbuster imager with DPM (only available on Windows)
- MC92N0-G8** SE4500 Blockbuster DL imager for driver license
- MC92N0-GL** SE4750 Megapixel Standard Range imager
- MC92N0-GM** SE4750 Megapixel Medium Range imager
- MC92N0-GP** SE4850 Extended Range imager



-G5, -G8 available in Premium models only



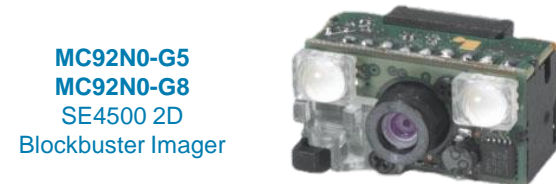
MC92N0-GA
SE965 1D
Standard Range Laser



MC92N0-GJ
SE1524 Lorax 1D
Long Range Laser



MC92N0-GL
MC92N0-GM
SE4750 SR/MR
Megapixel Imager



MC92N0-G5
MC92N0-G8
SE4500 2D
Blockbuster Imager

MC9200 Keypad Options

28 Key Numeric Telephony

Large numeric keys
Alpha character by SMS system

Spare keypad part number:
KYPD-MC9XMR000-01R



43 Key Shifted Alpha

Calculator style numeric
12 direct function keys

Spare keypad part number:
KYPD-MC9XMT000-01R



53 Key Alpha-Numeric

Full alpha-numeric keypad
10 shifted function keys

Spare keypad part number:
KYPD-MC9XMS000-01R



All replacement keypads are field replaceable and can be changed on site without sending terminal to the service depot.



MC9200 Keypad Options

3270 Emulator Keypad

Full alpha-numeric
20 shifted function keys

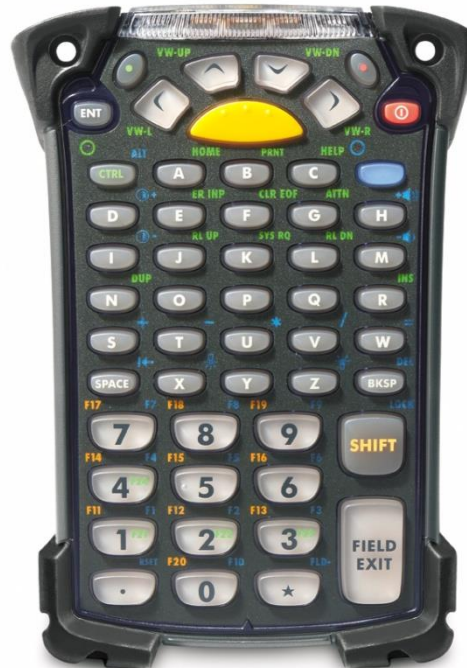
Spare keypad part number:
KYPD-MC9XMV000-01R



5250 Emulator Keypad

Full alpha-numeric
20 shifted function keys

Spare keypad part number:
KYPD-MC9XMW000-01R



VT Emulator Keypad

Full alpha-numeric
20 shifted function keys

Spare keypad part number:
KYPD-MC9XMU000-01R



The emulator keypads are only used when the MC92N0-G is running the respective emulation software, otherwise the functions are same as 53 key keypad.

MC9200 Keypad Options

53 Key High Visibility Alpha-Numeric

Full alpha-numeric keypad
10 shifted function keys

Spare keypad part number:
KYPD-MC9XMS000-11R



The emulator keypads are only used when the MC92N0-G is running the respective emulation software, otherwise the functions are same as 53 key keypad.

MC9200 Operating Systems



Microsoft Windows Embedded Handheld 6.5.3 Professional Edition

Operating System Configurations

Microsoft Windows Embedded Handheld 6.5.3 professional edition

- With Microsoft Office (only on premium configurations shipped prior to July 1, 2016)
- Without Microsoft Office

Microsoft Windows Embedded Compact 7.0

Android Kit Kat 4.4.0

Microsoft Windows Embedded Compact 7.0



Android Kit Kat 4.4



MC9200 Additional Features



Audio



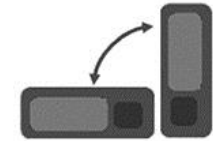
Voice



Bluetooth

Additional Features

- A5** Audio, Voice, Bluetooth
- A6** Audio, Voice, Bluetooth
Interactive Sensor Technology
- C6** Audio, Voice, Bluetooth,
Interactive Sensor Technology,
Condensation Resistant



A6 and C6 available in Premium models only

Microphone removed on units manufactured (MFD) after July 1, 2016. Voice support provided via cabled or Bluetooth headset.



MC9200

Accessories Guide



Step 1: Choose a charging method



Single Slot Cradle:

CRD9000-1001SR Single slot USB / RS232 Cradle, w/spare battery charging

Single Slot Cradle Kits:

CRD9000-111SES (INTERNATIONAL) Includes: Single Slot Cradle CRD9000-1001SR, Power Supply PWR-BGA12V50W0WW and DC cable CBL-DC-388A1-01. (Must purchase country specific 3 wire AC Cord separately)

CRD9000-110SES (US) Includes: Single Slot Cradle CRD9000-1001SR, Power Supply PWR-BGA12V50W0WW, DC cable CBL-DC-388A1-01 and US AC Cord 23844-00-00R.



The single slot cradle can charge a MC92N0 gun, charges a spare battery and has USB master and slave connections.

Additional Accessories for Single Slot Cradle



25-64396-01R

USB Cable for the cradle to the host system



25-63852-01R

Provides serial communication between the single slot cradle and a host computer



PWR-BGA12V50W0WW

Level VI AC/DC Power Supply (Brick) AC Input: 100-240V, 2.4A DC Output: 12V, 4.16A, 50W



CBL-DC-388A1-01

DC Line Cord for running the single slot cradles



23844-00-00R

US AC line cord, 7.5 feet long, grounded, three wire for power supplies.



25-63856-01R

Modem adapter cable used to connect the MDM9000-100R to the single slot cradle

Step 1: Choose a charging method



4 Slot Cradles:

CRD9101-4001CR 4 Slot Charge Only Cradle

CRD9000-4001ER 4 Slot Ethernet Cradle

4 Slot Cradle Kits:

CRD9101-411CES
(INTERNATIONAL)

Includes: 4 Slot Charge Only Cradle CRD9000-4001ER, Power Supply PWR-BGA12V108W0WW and DC Cord CBL-DC-382A1-01. Order country specific 3 wire AC Cord separately

CRD9000-411EES
(INTERNATIONAL)

Includes: 4 Slot Ethernet Cradle CRD9000-4001ER, Power Supply PWR-BGA12V108W0WW and DC Cord CBL-DC-382A1-01. Order country specific 3 wire AC Cord separately

CRD9000-410EES
(US)

Includes: 4 Slot Ethernet Cradle CRD9000-4001ER, Power Supply PWR-BGA12V108W0WW, DC Cord CBL-DC-382A1-01 and US AC Cord 23844-00-00R.

Additional Accessories for 4-slot Cradles



PWR-BGA12V108W0WW

Level VI AC/DC Power Supply (Brick) AC Input: 100-240V, 2.8A DC Output: 12V, 9A, 108W



DC cable provides power from the power supply to 4 slot charge only and Ethernet cradles



23844-00-00R

US AC line cord, 7.5 feet long, grounded, three wire for power supplies.

Step 1: Choose a charging method

Wall Mounting Bracket



KT-61498-01R

Wall mounting bracket, order one for a single slot cradle on one for the 4 slot battery charger, order two for 4 slot cradles. Must purchase the cradle bracket separately to install the cradle on the wall mount bracket.

Cradle Bracket



KT-61499-01R

Cradle Bracket, order one for a single slot cradle and one for the 4 slot battery charger, order two for 4 Slot Cradles. Attaches to the bottom of the cradle and is required to install the cradle on the wall mounting bracket.


Step 1: Choose a charging method



Forklift Cradle:

FLC9000-1001R


Provides a secure mounting solution, equipped with rugged RS232 and USB ports capable of powering and communicating with tethered devices.

 The forklift cradle allows USB and RS232 connectivity between a docked MC9190-G/MC92N0-G and external devices such as scanners or printer (additional cables required)

Forklift Cradle Kits:

KT-FLC9000-LV Includes Fork Lift Cradle (FLC9000-1001R), Low Voltage Power Converter (PWRS-14000-252R) and Power Cable (25-103873-01R)

KT-FLC9000-HV Includes Fork Lift Cradle (FLC9000-1001R), High Voltage Power Converter (PWRS-14000-251R), Power Cable (25-103872-01R)

 Must purchase separately:

- Specific power converter: PWRS-14000-252R for low voltage or PWRS-14000-251R for high voltage
- Power input cable :25-103872-01R

Additional Accessories for Forklift Cradle



PWRS-14000-251R
Fork Lift High Voltage Power Converter from 18-75VDC to 12VDC



PWRS-14000-252R
Fork Lift Low Voltage Power Converter from 9-30VDC to 12VDC



25-103872-02R
Forklift power input cable



25-71917-02R
RS232 Cable, coiled 9' extended, rugged amphenol connector



25-71918-01R
USB Cable, coiled 9' extended, rugged amphenol connector

Step 2: Choose battery / battery charging accessories

2600 mAh Battery



BTRY-MC9X-26MA-01

MC9200 PowerPrecision Spare Lithium Ion battery, 2600 mAh

Pack of 10 spare batteries is also available:
(BTRY-MC9X-26MA-10)

Spare Battery Charging Options:



CRD9000-1001SR

Single Slot Serial / USB Cable with spare battery charging

Accessories for 4-slot Battery Charger:



CBL-DC-395A1-01DC

Power Cord for running the 4-Slot battery charger from a single Level VI power supply PWR-BGA12V50W0WW



PWR-BGA12V50W0WW

Level VI AC/DC Power Supply (Brick)

KT-PWR-50W395A1-01

Power Supply Kit: Includes PWR-BGA12V50W0WW and DC Power Cord CBL-DC-395A1-01

Requires: Country Specific Grounded AC Line Cord separately



23844-00-00R

US AC line cord, 7.5 feet long, grounded, three wire for power supplies.



SAC9000-4000R

4-slot battery charger, charges four spare batteries.

4-slot Battery Charger Kits:

SAC9000-400CES

US kit. Includes L6 Power Supply PWR-BGA12V50W0WW, DC cable CBL-DC-395A1-01 and AC line cord (US)

KIT-SAC9000-4001ES

International kit. Includes L6 Power Supply PWR-BGA12V50W0WW and DC cable CBL-DC-395A1-01. .

Step 3: Choose charging cables/adapters

Cable Adapter Module



ADP9000-100R
(3.3v - 500mAh) provides communication to the host or printer and can be used for AC charging

Cable options for ADP9000-100R:



25-62166-01R
USB Cable for Cable for adapter module



25-62168-01R
Paxar printer cable for adapter module



25-62167-02R
DEX cable for adapter module



25-62169-01R
O'Neil printer cable for adapter module



25-62167-03R
DEX cable w/ floating jack screws for adapter module



25-62170-02R
Zebra printer cable for adapter module

Other adapter modules and kits:

KT-ADP9000-100ES Includes: ADP9000-100R, power supply PWRS-14000-148R and US line cord 23844-00-00R.

ADP9000-110R (5VDC - 350mA) for use with long range scanner LS3408ER

ADP9000-120R (5VDC - 350mA) for use with Apriva BT200 Reader



VCA9002-12R Auto charge cable 12V for adapter module

VCA9000-24R Auto charge cable 24V for adapter module

Step 4: Choose carrying accessories

Holsters



SG-MC9121112-01R

Soft material holster for gun configurations only



SG-MC9027242-01R

Holster for use with Tethered Cac Solution And Aprivia Bluetooth Bt200

Heated Boot



SG-MC9024242-01R

Allows device to be used in Freezer Applications.



Heated Boot requires 4 AA batteries for the heating element, not provided with the unit

Shoulder strap

58-40000-007R

Universal shoulder strap for holster.



Protective Boot



11-67218-04R

Protective boot for gun configurations only

Belt for holster

11-08062-02R

Universal belt for fabric holster.



Step 5: Choose other accessories

Audio

RCH51 Rugged wired headset designed for use in nearly any environment

25-124387-02R RCH51 headset adapter cable to standard 3-pole 2.5mm barrel jack.

RCH51
Rugged Wired Headset

Must purchase headset adapter cable separately, 25-124387-02R



Belt Clip Kit

KT-70147-01R Belt clip kit is designed to hold the mobile computers firmly in place while on the move.

KT-70147-01R
Belt Clip Kit



Step 5: Choose other accessories

Plastic Screen Guards

KT-151827-03R Pack of 3 screen guards

KT-151827-500R Pack of 500 screen guards

**KIT-MC9X-
SCRP1L-50** Laminate exit window overlay for use
in food processing environment-
Pack of 50



KT-151827-03R
Plastic Screen Guards

Hand straps

KT-66447-03R Replacement hand straps - Pack of 3

KT-66447-03R
Replacement Hand straps



Stylus Kits

KT-MC9X3X-STLSG-05 Replacement grey stylus -
Pack of 5

KT-MC9X3X-STLSG-10 Replacement grey stylus -
Pack of 10

KT-MC9X3X-STLSG-50 Replacement grey stylus -
Pack of 50



KT-MC9X3X-STLSG-10
Replacement Grey Stylus

KT-MC9X3X-STLSG-50
Replacement Grey Stylus
with tether



Step 5: Choose 3rd Party accessories not in Solution Builder

These accessories are certified through the Independent Hardware Vendor (IHV) Program. For pricing and ordering inquiries contact the corresponding vendor directly.

Bluetooth Headsets (for MC9200 only)

B250XT+	VXi Corp Bluetooth Wireless Headset
Expressway II	VXi Corp Bluetooth Wireless Headset

Forklift Ballistic Holster

Y6911DWSP	Agora Edge, Ballistic Nylon Holster for Forklift, Vehicle or Wall Mounting
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Card Reader

Apriva BT200	BT200 Smart Card Reader capable of reading Common Access Cards (CAC) as well as Smart Cards compliant with ISO7816-1,2,3,4, Personal Identification Verification FIPS 201 PIV smart cards.
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B250-XT+
Bluetooth Headset for MC9200

Bluetooth Headsets for WBA/VDP use case only



Expressway II
Bluetooth Headset for MC9200



Y6911DWSP
Ballistic Holster for Forklift

Apriva BT200
Apriva Smart card reader that works in conjunction with MC9200 (via Bluetooth and Tethered mode)



Requires ADP9000-120R adapter module for tethered connection with MC9200. Special holster SG-MC9027242-01R also available for this solution

