



# MC2100 Series

## EMC Configuration and Accessories Guide

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



# MC2100 Series

- **CONFIGURATION AND ACCESSORY GUIDES** are available on Insite and PartnerCentral
- For more information visit:  
[www.motorolasolutions.com/mc2100](http://www.motorolasolutions.com/mc2100)

Find Product Information in the **EMC Product Portfolio** on [Insite](#) and [Partner Central](#)

## Partner Central

ENTERPRISE MOBILE COMPUTING

### 2014 EMC PRODUCT PORTFOLIO

- EMC Resources
- Motorola Solutions At A Glance
- Enterprise Mobile Computing
  - Knowledge Worker Portfolio
  - Line Worker Portfolio
  - EMC Software & Solutions
- Topical Content
  - MSI OS Strategy
  - The Value of Enterprise Class Products

**CUSTOMER FACING**

**FIELD MOBILITY**

**TASK SPECIFIC**

**INDUSTRIAL MOBILITY**

 **MOTOROLA SOLUTIONS**

# Step 1: Choose the main MC21 variant



## MC2100 Variants

- MC2100** MC2100 Batch
- No touch panel
  - Limited Audio Support (includes speaker, no audio jack, no microphone, no receiver, and can only play Wav file)

- MC2180** MC2180
- WLAN 802.11 b/g/n with Bluetooth
  - Full Audio support (includes speaker, audio jack via adapter, microphone)

# Step 2: Choose an MC21 configuration

OPTIONS:	MC21 SKU #	OPTION	DESCRIPTION
<b>Radio</b>	MC210X-XXXXXXX	0	Batch (No touch panel, Limited audio support – includes speaker, no audio jack, no microphone, no receiver, and can only play Wav file)
	MC218X-XXXXXXX	8	WLAN 802.11 b/g/n with Bluetooth (Full Audio support - includes speaker, audio jack via adapter, microphone)
<b>Scanner</b>	MC21XX-CXXXXXX	C	1D CMOS Linear Imager SE655
	MC21XX-MXXXXXX	M	1D Laser SE960
	MC21XX-AXXXXXX	A	2D Area Imager SE4500DL
<b>Operating System</b>	MC21XX-XX0XXXX	0	CE 6.0 Core
	MC21XX-XX1XXXX	1	CE 6.0 Pro
<b>RAM/Flash Memory</b>	MC21XX-XXX1XXX	1	128MB RAM / 256MB Flash
	MC21XX-XXX2XXX	2	256MB RAM / 256MB Flash
<b>OS Language</b>	MC21XX-XXXXEXX	E	English
	MC21XX-XXXXFXX	F	French
	MC21XX-XXXXGXX	G	German
	MC21XX-XXXXIXX	I	Italian
	MC21XX-XXXXJXX	J	Japanese
	MC21XX-XXXXKXX	K	Korean
	MC21XX-XXXXPXX	P	Brazilian Portuguese
	MC21XX-XXXXCXX	C	Simplified Chinese
	MC21XX-XXXXSXX	S	Spanish
	MC21XX-XXXXTXX	T	Traditional Chinese
<b>Country Code</b>	MC21XX-XXXXXX0	0	World Wide Batch
	MC21XX-XXXXXXA	A	World Wide WLAN (excluding Japan)
	MC21XX-XXXXXXJ	J	WLAN for Japan only

## EMEA/LACR Kits

### Include:

- 1.Handstrap- SG-MC2123225-01R
- 2.Single Slot Cradle- CRD2100-1000UR
- 3.Micro USB cable- 25-128458-01R
- 4.Power Supply- PWRS-14000-249R

## Other Kits (APAC)

### Include:

- 1.Handstrap- SG-MC2123225-01R
- 2.Active Sync Cable- 25-154073-02R
- 3.Power supply- PWRS-14000-249R

More details about using the MC21 and accessories can be found here:



MC21 Integrator  
Guide

# Step 3:

## Choose a spare battery type



### Spare Battery Options

#### 2680mAh Battery



#### **BTRY-MC21EAB0E**

Standard Spare Battery (2400mAh/3.7V), Smart Lithium Ion battery pack for the MC2100 Series.

### Spare Battery Charging Options:



#### **SAC2100-4000CR**

4-Slot Battery Charger. Requires Power Supply PWRS-14000-148R and country-specific grounded AC line cord.

### Accessories for 4-slot battery charger:



#### **PWRS-14000-148R**

Power supply for single slot cradle: 100-240 VAC, 12VDC, 4.16A



#### **23844-00-00R**

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



# Step 4: Choose a charging method



## Cradle options



### Single Slot Cradle:

**CRD2100-1000UR** Single Slot USB Cradle. This cradle provides USB communication with a host computer and charges the MC2100 .

## Additional accessories for single slot cradle



### **25-128458-01R**

USB Cable for the cradle to the host system



### **PWRS-14000-148R**

Power supply for single slot cradle: 100-240 VAC, 12VDC, 4.16A



### **23844-00-00R**

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



### **21-158413-01R**

Single Slot Cradle, Daisy Chain Adapter. Mechanically connects two single slot cradles.

# Step 4: Choose a charging method



## Cradle options



### 4 Slot Cradles:

**CRD2100-4000CR** 4-Slot Charge Only Cradle. Requires a PWRS-14000-241R power supply, country-specific grounded AC power cord and 50-16002-029R DC cable.

**CRD2100-4000ER** 4-Slot Cradle Ethernet. Requires a PWRS-14000-241R power supply, country-specific grounded AC power cord and 50-16002-029R DC cable.

## Additional accessories for 4 slot cradles



### **PWRS-14000-241R**

Power supply for 4 slot cradles:90-264 VAC, 12VDC, 9A



### **50-16002-029R**

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 5: Choose charging cables/adapters

## Cable / Adapter options

MC21



### Cable options for MC21:



**25-154073-01R**  
USB active sync and charge cable. Requires power supply PWRS-14000-249R and country-specific ungrounded AC line cord to charge the device.



**25-154074-01R**  
Modem cable, provides modem connectivity and connects to the MDM9000-100R modem module.



**PWRS-14000-249R**  
Power Supply: 100-240VAC, 5.4 VDC, 3A. Provides charge directly to the MC21. Requires a country-specific ungrounded AC line cord.



**MDM9000-100R**  
56K dongle modem module, provides modem connectivity while using the MC21 modem cable.



**50-16000-182R**  
US AC line cord, un-grounded, two-wire for power supplies PWRS-14000-249R



# Step 6: Choose carrying options

## Carrying options

### Holster



#### **SG-MC2121205-01R**

Soft Shell Holster, side sleeve accommodates the 11-43912-03R full sized stylus.

### Lanyard



#### **SG-MC2127225-01R**

Lanyard, allows to keep hands free to perform tasks and handle objects.

### Hand Strap



#### **SG-MC2123225-01R**

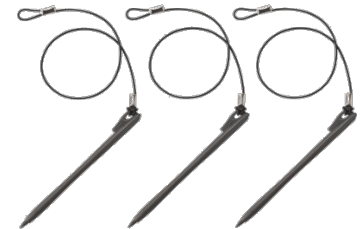
Leather hand strap, side sleeve allows to carry a 11-43912-03R full sized stylus.

### Stylus



#### **STYLUS-00007-03R**

Pick stylus with tether (3 pack).



#### **11-43912-03R**

Full sized stylus (3 pack).

# Step 7:

## Choose audio accessories



**RMN5130A**  
Mono over the ear headset W/MIC  
& PTT-2.5mm

## Headset Adapter



**25-154075-01R**  
Headset adapter, to be  
used with RMN5130A  
headset for PTT Express.

# Step 8: Choose 3<sup>rd</sup> party accessories

## Storage Options

### ATP Industrial Grade Cards



#### **AF1GUDI-MOT1-1P**

ATP 1GB Industrial Grade (1 pack) microSD flash memory card designed and tested for rugged mobile computing and intensive program/erase operation. Also available at 10 pack option (Product ID **AF1GUDI-MOT1-10P**)

2GB, 4GB and 8GB storage options are available in single and 10 pack variants.

**AF2GUDI-MOT1-1P**- 2GB single pack

**AF2GUDI-MOT1-10P**- 2GB 10 packs

**AF4GUDI-MOT1-1P**- 4GB single pack

**AF4GUDI-MOT1-10P**- 4GB 10 packs

**AF8GUDI-MOT1-1P**- 8GB single pack

**AF8GUDI-MOT1-10P**- 8GB 10 packs

\*\*Note: The ATP MicroSD cards can be ordered from Motorola

### ATP Commercial Grade Cards

ATP MLC microSDHC Flash Memory Card. Designed for READ intensive applications w/ standard data retention.

**AF4GUD-MOT001** ATP 4GB MLC microSDHC Flash Memory Card. Designed for READ intensive applications w/ standard data retention.

**AF8GUD-MOT001** ATP 8GB MLC microSDHC Flash Memory Card. Designed for READ intensive applications w/ standard data retention.

**AF16GUD-MOT001** ATP 16GB MLC microSDHC Flash Memory Card. Designed for READ intensive applications w/ standard data retention.

**AF32GUD-MOT001** ATP 32GB MLC microSDHC Flash Memory Card. Designed for READ intensive applications w/ standard data retention.