

M3 MOBILE

Mobile Computer

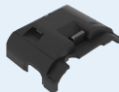
SM 20

Accessories Guide

2026.08.28



SM20 ACC. MAP

Cradle	Cradle/Snap on Power Supply		Snap On	Vehicle Cradle	Boot	ETC
2 SLOT CRADLE  2-Slot Fast charging SM15-2CRD-C00  2-Slot Fast charging & USB SM15-2CRD-CC0  2-Slot Fast charging & Ethernet cradle SM15-2CRD-EC0  2-Slot HDMI, Ethernet cradle SM10-2CRD-EC0-HD	 Adaptor Snap on SM10-PWSP-U01  USB C-type Snap on SM15-SNAP-C0A  Charging USB only Snap On SM15-SNAP-C0U  2 slot Adaptor SM15-PWSP-2XX  USB Charging Snap on SM15-SNAP-CUS  UHF Snap on SM15-SNAP-UEB  2-Slot HDMI, Ethernet cradle Adaptor UNIV-PWSP-2XX		 Vehicle Cradle Cigar Jack Type SM15-VCRD-C01  Vehicle Cradle USB C Type SM15-VCRD-02 Used in combination  Ram Mount(Screw) UNIV-RAMS  Ram Mount(Suction) UNIV-RAMT	 Rubber Boot SM20-BOOT-01 Battery  Fast Charging Standard Capacity Spare Smart Battery 4,100 / 6,150mAh SM20-BATT-S41 SM20-BATT-E61  SM20 Frozen version 4,100 / 6,100mAh SM2F-BATT-S41 SM2F-BATT-E61	 Hand Strap for SM20 SM10-STRP-S10 /50  Bullet proof Screen Protector SM20-SCPR  Arm Band UNIV-CASE-FAB	
8 SLOT CRADLE  5-Slot Fast Charging Cradle SM15-8CRD-C00  5-Slot Fast Ethernet Cradle SM15-8CRD-E00	 8 slot cradle + power cord SM15-PWSP-8XX	Trigger Handle  Scanning Trigger SM10-TRIG-S00  Trigger Handle equipped with long range scanner SM15-TRIG-L00  UHF RFID & Scanning Trigger SM15-TRIG-UEB	UHF gun battery charger & Battery  UHF gun battery charger UNIV-BTCH-UHF  UHF gun battery charger UNIV-BATT-UHF	NFC Battery Door  NFC Battery Door SM15-BTDO-SHF	 Fabric Holster with Strap, belt UNIV-CASE-FSH  Spare Stylus with tether SM15-STYL	

Cradle

Cradle / Charging

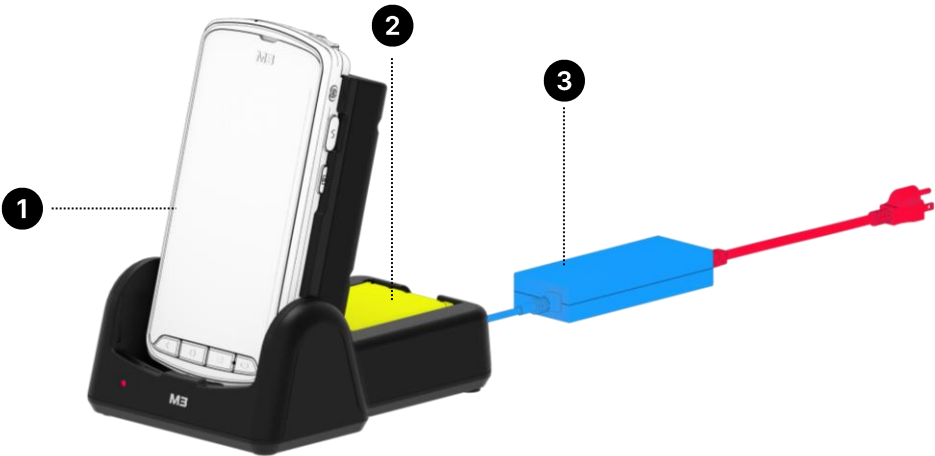
2-Slot Fast charging only cradle

SM15-2CRD-C00



	I/O	DC
	Input	5VDC / 5A
	Dimension	112.5X156X84
	Weight	317g

Compatible



- ❶ SM20

SM2X4R-R2CHSE-HF / SM2X4R-R2CHSS-HF
SM2X4R-RFCHSE-HF / SM2X4R-RFCHSS-HF

SM2F4R-R2CHSE-HF / SM2F4R-R2CHSS-HF
SM2F4R-S2CHSE-HF / SM2F4R-RFCHSS-HF
SM2F4R-SFCHSE-HF / SM2F4R-SFCHSS-HF
- ❷ Battery

SM20-BATT-S41, SM20-BATT-E61
- ❸ Power Supply

SM15-PWSP-2XX

Cradle / Charging

2-Slot Fast charging & USB cradle

SM15-2CRD-CC0



I/O

DC, USB MICRO B (CLIENT)



Input

5VDC / 5A



Dimension

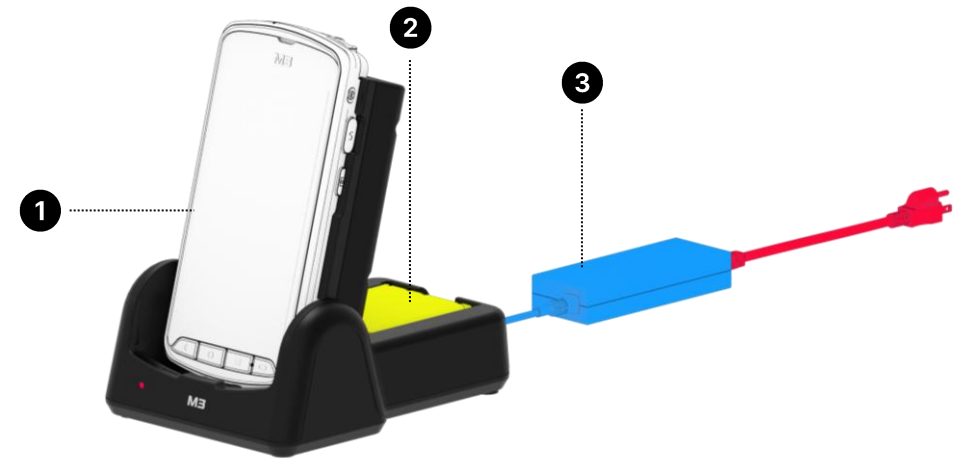
112.5X156X158



Weight

426g

Compatible



① SM20

SM2X4R-R2CHSE-HF / SM2X4R-R2CHSS-HF
SM2X4R-RFCHSE-HF / SM2X4R-RFCHSS-HF

SM2F4R-R2CHSE-HF / SM2F4R-R2CHSS-HF
SM2F4R-S2CHSE-HF / SM2F4R-RFCHSS-HF
SM2F4R-SFCHSE-HF / SM2F4R-SFCHSS-HF

② Battery

SM20-BATT-S41, SM20-BATT-E61

③ Power Supply

SM15-PWSP-2XX

Cradle / Charging

2-Slot Fast charging & Ethernet cradle

SM15-2CRD-EC0



I/O DC, USB MICRO B (CLIENT), ETHERNET PORT



Input 5VDC / 5A

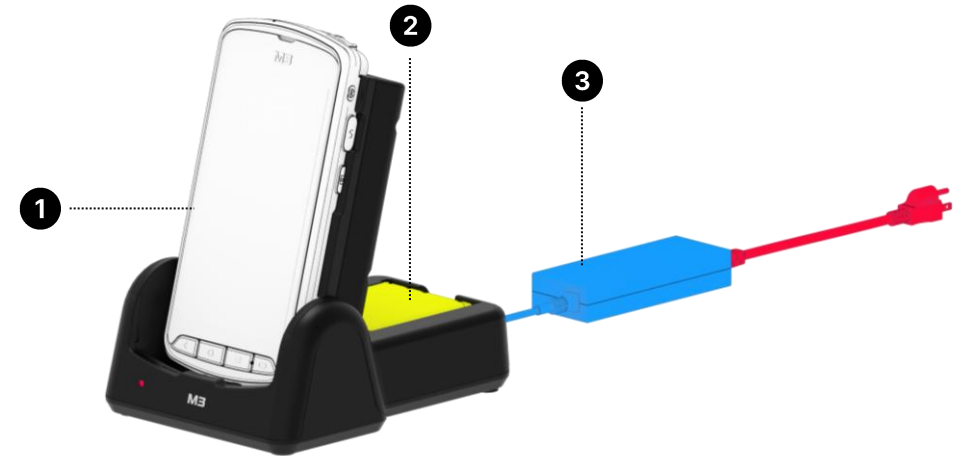


Dimension 112.5X156X158



Weight 426g

Compatible



❶ SM20

SM2X4R-R2CHSE-HF / SM2X4R-R2CHSS-HF
SM2X4R-RFCHSE-HF / SM2X4R-RFCHSS-HF

SM2F4R-R2CHSE-HF / SM2F4R-R2CHSS-HF
SM2F4R-S2CHSE-HF / SM2F4R-RFCHSS-HF
SM2F4R-SFCHSE-HF / SM2F4R-SFCHSS-HF

❷ Battery

SM20-BATT-S41, SM20-BATT-E61

❸ Power Supply

SM15-PWSP-2XX

Cradle / Charging

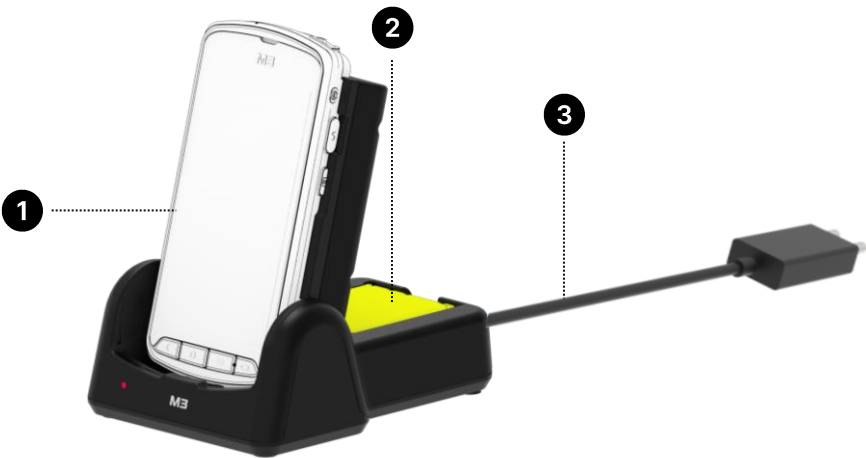
2-Slot HDMI, Ethernet cradle

SM10-2CRD-EC0-HD



	I/O	HDMI, USB A (HOST)
	Input	5VDC / 4A
	Dimension	112.5X156X168.7
	Weight	470g

Compatible



① SM20	SM2X4R-R2CHSE-HF / SM2X4R-R2CHSS-HF SM2X4R-RFCHSE-HF / SM2X4R-RFCHSS-HF SM2F4R-R2CHSE-HF / SM2F4R-R2CHSS-HF SM2F4R-S2CHSE-HF / SM2F4R-RFCHSS-HF SM2F4R-SFCHSE-HF / SM2F4R-SFCHSS-HF
② Battery	SM20-BATT-S41, SM20-BATT-E61
③ Power Supply	UNIV-PWSP-2XX

Cradle / Charging

8-Slot Fast charging only cradle

SM15-8CRD-C00



	I/O	DC
	Input	12VDC / 10A
	Dimension	450 x 156 x 80 mm
	Weight	890g

Compatible



1 SM20	SM2X4R-R2CHSE-HF / SM2X4R-R2CHSS-HF SM2X4R-RFCHSE-HF / SM2X4R-RFCHSS-HF SM2F4R-R2CHSE-HF / SM2F4R-R2CHSS-HF SM2F4R-S2CHSE-HF / SM2F4R-RFCHSS-HF SM2F4R-SFCHSE-HF / SM2F4R-SFCHSS-HF
2 Battery	SM20-BATT-S41, SM20-BATT-E61
3 Power Supply	SM15-PWSP-8XX

Cradle / Charging

8-Slot Fast charging & Ethernet cradle

SM15-8CRD-E00



I/O DC, ETHERNET PORT



Input 12VDC / 10A



Dimension 450 x 156 x 160 mm



Weight 990g

Compatible



① SM20

SM2X4R-R2CHSE-HF / SM2X4R-R2CHSS-HF
SM2X4R-RFCHSE-HF / SM2X4R-RFCHSS-HF

SM2F4R-R2CHSE-HF / SM2F4R-R2CHSS-HF
SM2F4R-S2CHSE-HF / SM2F4R-RFCHSS-HF
SM2F4R-SFCHSE-HF / SM2F4R-SFCHSS-HF

② Battery

SM20-BATT-S41, SM20-BATT-E61

③ Power Supply

SM15-PWSP-8XX

SM20 Cradle Configuration



SM20
2/8 Slot Cradle



SM20 Cradle

No Pocket (Standard)

– For docking/charging devices with a boot attached

- * Devices with a boot attached can be charged, but devices without a boot cannot be secured.
- * Devices with a boot attached, including the SM20 and SM30, can be docked and charged.



SM20 Pock Cradle

- * When the pocket cradle is installed on the cradle, devices without a boot can also be secured.



SM30 Pock Cradle (SM30-POCK-C01)

Installing the SM30 pocket cradle on an SM20 cradle enables docking and charging of SM30 devices.

- * When this pocket cradle is installed, devices without a boot can be securely held.



For SM20 2- to 8-slot cradle orders, the pocket cradle is shipped pre-installed on the cradle and can be easily removed and reattached as needed.

How to Use the SM20 Cradle with the SM30

Case 1 : A device with a boot attached

1 Removal of Existing Pocket Cradle



- **Applicable to :** SM20 2/8-Slot
- **Applicable to SKU's :**
SM15-2CRD-C00, SM15-2CRD-CC0,
SM15-2CRD-EC0, SM15-8CRD-C00,
SM15-8CRD-E00

* Excludes HDMI 2-slot Cradle (SM10-2CRD-EC0-HD)

If the pocket cradle is attached to the 2-slot/8-slot cradles of the above SKUs, please remove it.

2 Docking/Charging of SM30 and SM20 with a boot attached



On an SM20 cradle with the pocket cradle removed, both SM30 and SM20 devices can be docked and charged when equipped with a boot.

How to Use the SM20 Cradle with the SM30

Case 2 : A device without a boot attached

1 Removal of Existing Pocket Cradle



- **Applicable to :** SM20 2/8-Slot
- **Applicable to SKU's :**
SM15-2CRD-C00, SM15-2CRD-CC0,
SM15-2CRD-EC0, SM15-8CRD-C00,
SM15-8CRD-E00

* Excludes HDMI 2-slot Cradle (SM10-2CRD-EC0-HD)

Remove the pocket cradle pre-installed on the 2-slot/8-slot cradles of the above SKUs.

2 Installation of SM30 Pocket Cradle



The batteries of the SM20 and SM30 are not compatible, so the battery charging function cannot be used.

Replace the SM20 pocket cradle with the SM30 pocket cradle (SKU: SM30-POCK-C01).

3 SM30–SM20 Cradle Compatibility



Depending on the pocket cradle configuration, SM20 and SM30 devices without a boot can also be docked and charged.

Snap on

Snap on

USB C-type Snap on

SM15-SNAP-C0A

This product can be used after removing the boot from the device.



I/O

USB Type-C



Input

5VDC / 2A



Dimension

61.2 x 84 x 33.5mm



Weight

50g

Compatible



Adaptor Snap on
(SM10-PWSP-U01)

Snap on USB Charging Snap on

SM15-SNAP-CUS

This product can be used after removing the boot from the device.



I/O DC, USB



Input 5VDC / 5A



Dimension 81.3 x 83 x 38.5mm



Weight 70g

Compatible



2 slot Adaptor
(SM15-PWSP-2XX)

Snap on

charging USB only Snap On

In-vehicle use

SM15-SNAP-C0U



Charging is also possible via the cigarette lighter socket using the cigarette lighter adapter (UNIV-PWSP-VUA-XX).

This product can be used after removing the boot from the device.

	I/O	USB
	Input	-
	Dimension	89 x 100 x 33mm
	Weight	90g

UHF Snap on

SM15-SNAP-UEB



	I/O	-
	Input	-
	Dimension	130x 86 x 34.6mm
	Weight	210g

Power Supply

Power Supply / Charging

Power Supply for 2 slot cradle / USB Charging Snap on

SM15-PWSP-2XX



Input 100~240VAC



Output 5VDC / 5A

Depending on the type of connector at the end

SM15-PWSP-2AU/CN/EU/KR/UK/US

Compatible



2 Slot Fast charging
(SM15-2CRD-C00)



2-Slot Fast charging & USB cradle
(SM15-2CRD-CC0)

2-Slot Fast charging & Ethernet cradle
(SM15-2CRD-EC0)



USB Charging Snap on
(SM15-SNAP-CUS)

Power Supply / Charging

Power Supply for 2 slot cradle / USB Charging Snap on

UNIV-PWSP-2XX



Input 100~240VAC



Output 5VDC / 4A

Depending on the type of connector at the end

UNIV-PWSP-2AU/CN/EU/KR/UK/US

Compatible



2-Slot HDMI, Ethernet cradle
(SM10-2CRD-EC0-HD)



USB Charging Snap on
(SM15-SNAP-CUS)

Power Supply / Charging

Power Supply for 8 slot cradle

SM15-PWSP-8XX



Input 100~240VAC



Output 12VDC / 10A

Depending on the type of connector at the end

SM15-PWSP-8AU/CN/EU/KR/UK/US

Compatible



8-Slot Fast charging only cradle
(SM15-8CRD-C00)



8-Slot Fast charging & Ethernet cradle
(SM15-8CRD-E00)

Power Supply / Charging

Power Supply for USB C-type Snap on

SM10-PWSP-U01



Compatible



USB C-type Snap on
(SM15-SNAP-C0A)



Input 100~240VAC

Output 5VDC / 2A

Trigger

Trigger

Scanning Trigger

SM10-TRIG-S00



Dimension 90 x 130 x 165mm



Weight 150g

Trigger Handle equipped with long range scanner

SM15-TRIG-L00



Dimension 85 x 172 x 184mm



Weight 250g

Compatible



SM2X4R-R2CHSE-HF
SM2X4R-R2CHSS-HF
SM2X4R-RFCHSE-HF
SM2X4R-RFCHSS-HF



SM2F4R-R2CHSE-HF
SM2F4R-R2CHSS-HF
SM2F4R-S2CHSE-HF
SM2F4R-RFCHSS-HF
SM2F4R-SFCHSE-HF
SM2F4R-SFCHSS-HF

Trigger

UHF RFID & Scanning Trigger

SM15-TRIG-UEB



Dimension 83 x 183 x 184mm



Weight 480g

Compatible



UHF gun battery charger
(UNIV-BTCH-UHF)



UHF gun battery
(UNIV-BATT-UHF)

Trigger

Precautions for Attaching the Device to the Trigger Handle



Unable to Mount the Device on the Trigger Handle

Devices with boots attached cannot be mounted on the trigger handle.



Condition for Attaching the Device to the Trigger Handle

The device can only be mounted on the trigger handle after removing the boots.

Trigger

Cradle Charging Instructions with Trigger Handle Attached



Charging in the cradle is possible even when the trigger handle is attached. No additional boot is required. However, the pre-installed pocket cradle must be removed before charging.



UHF gun battery charger & Battery

UHF gun battery charger & Battery

UHF gun battery charger

UNIV-BTCH-UHF



	I/O	USB
	Input	5VDC / 4A
	Dimension	123 x 123 x 50mm
	Weight	170g

UHF gun battery

UNIV-BATT-UHF



	Dimension	32 x 92 x 57mm
	Weight	120g

Compatible



UHF RFID & Scanning Trigger
(SM15-TRIG-UEB)

Vehicle-related



Vehicle Cradle

Vehicle Cradle - Cigar Jack Type

SM15-VCRD-C01



Dimension 91 x 210 x 55mm



Weight 180g

Compatible



SM2X4R-R2CHSE-HF
SM2X4R-R2CHSS-HF
SM2X4R-RFCHSE-HF
SM2X4R-RFCHSS-HF



SM2F4R-R2CHSE-HF
SM2F4R-R2CHSS-HF
SM2F4R-S2CHSE-HF
SM2F4R-RFCHSS-HF
SM2F4R-SFCHSE-HF
SM2F4R-SFCHSS-HF



Ram Mount(Screw)
(UNIV-RAMS)



Ram Mount(Suction)
(UNIV-RAMT)

Vehicle Cradle

Vehicle Cradle – USB Type

SM15-VCRD-C02



Dimension 91 x 210 x 50mm



Weight 170g

Compatible



SM2X4R-R2CHSE-HF
SM2X4R-R2CHSS-HF
SM2X4R-RFCHSE-HF
SM2X4R-RFCHSS-HF



SM2F4R-R2CHSE-HF
SM2F4R-R2CHSS-HF
SM2F4R-S2CHSE-HF
SM2F4R-RFCHSS-HF
SM2F4R-SFCHSE-HF
SM2F4R-SFCHSS-HF



Ram Mount(Screw)
(UNIV-RAMS)



Ram Mount(Suction)
(UNIV-RAMT)

Boot

Battery

Battery Door

BOOT

Rubber boot SM20

SM20-BOOT-01



Dimension 91 x 161 x 41mm



Weight 50g

Compatible



SM2X4R-R2CHSE-HF
SM2X4R-R2CHSS-HF
SM2X4R-RFCHSE-HF
SM2X4R-RFCHSS-HF



SM2F4R-R2CHSE-HF
SM2F4R-R2CHSS-HF
SM2F4R-S2CHSE-HF
SM2F4R-RFCHSS-HF
SM2F4R-SFCHSE-HF
SM2F4R-SFCHSS-HF

Battery

SM20 Battery & Battery Door



Dimension 53 x 66 x 11.6mm



Weight 80g

Fast Charging Battery

- **SM20-BATT-S41** Fast Charging Standard Capacity Spare Smart Battery 4,100mAh
- **SM20-BATT-E61** Fast Charging Standard Capacity Spare Smart Battery 6,150mAh

Frozen Version Battery

- **SM2F-BATT-S41** Fast Charging Standard Capacity Spare Smart Battery 4,100mAh
- **SM2F-BATT-E61** Fast Charging Standard Capacity Spare Smart Battery 6,100mAh

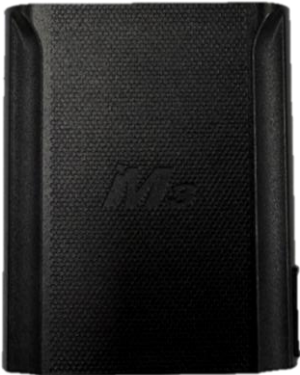
NFC Battery Door SM15-BTDO-SHF



Dimension 75 x 91 x 6.6mm



Weight 10g



Compatible



SM2X4R-R2CHSE-HF
SM2X4R-R2CHSS-HF
SM2X4R-RFCHSE-HF
SM2X4R-RFCHSS-HF



SM2F4R-R2CHSE-HF
SM2F4R-R2CHSS-HF
SM2F4R-S2CHSE-HF
SM2F4R-RFCHSS-HF
SM2F4R-SFCHSE-HF
SM2F4R-SFCHSS-HF

Etc

ETC. / Miscellaneous
ETC.



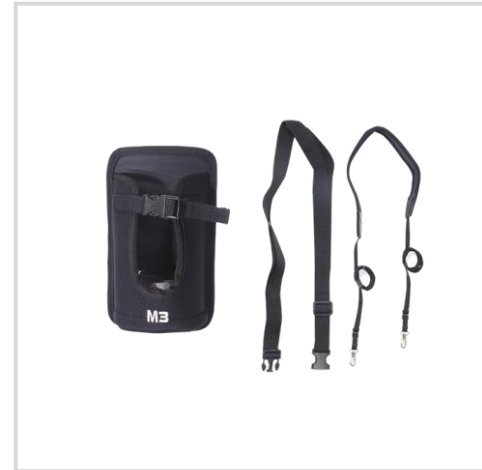
SM10-STRP-S10 /50
Hand Strap for SM20
(10/50 pcs)



SM20-SCPR
Bullet proof Screen
Protector



UNIV-CASE-FAB
Arm Band



UNIV-CASE-FSH
Fabric Holster
with Strap, belt



SM15-STYL
Spare Stylus with tether