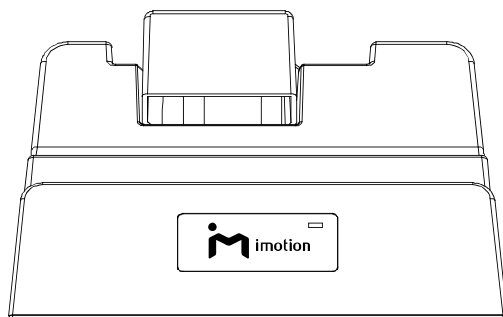




PT Series Single Charging Rack

Quick Start Guide



Package Contents

PT Series Single Charging Rack w/o LAN

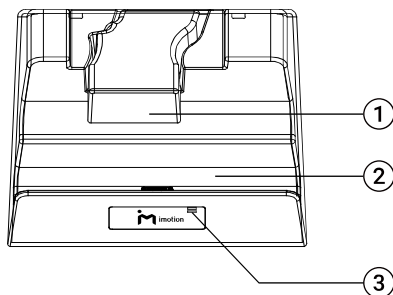
- PT Series Single Charging Rack w/o LAN(x1)
- 12V/15W Power Adapter (x 1)
- Quick Start Guide (x 1)

PT Series Single Charging Rack with LAN

- PT Series Single Charging Rack with LAN(x 1)
- 12V/40W Power Adapter (x 1)
- Quick Start Guide (x 1)

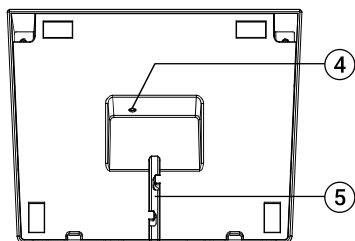
Features

Top View



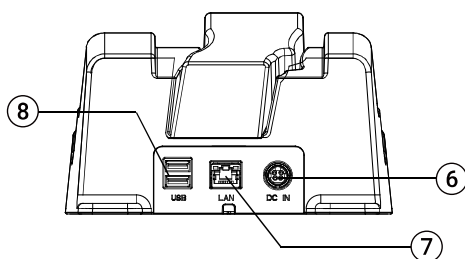
- ① Stabilizer
- ② Charging Slot
- ③ LED Indicator

Bottom View (only for PT Series Single Charging Rack w/o LAN)



- ④ DC-IN Power Jack
- ⑤ Cable Passage

Rear Side View (only for PT Series Single Charging Rack with LAN)

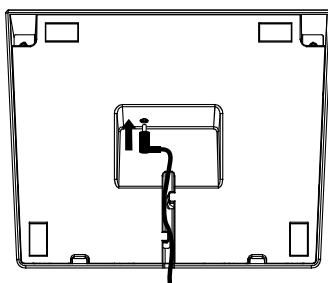


- ⑥ 1 x 4-pin 12V DC-IN Power Connector
- ⑦ 1 x 10/100/1000 LAN Port
- ⑧ 2 x USB 2.0 Ports

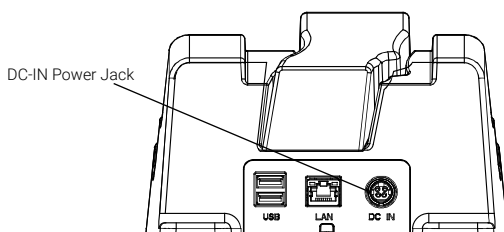
Charging your PT Series Tablet

Follow the instructions described below to charge your battery. Also, please note that using PT Series while charging its battery will likely slow down the charging process. Always ensure your device is completely powered down before proceeding with the following steps.

- If you are using **PT Series Single Charging Rack w/o LAN**, connect the connector of power adapter to the "DC IN" power jack at the bottom of the charger. Then, properly arrange the cable through cable passage.

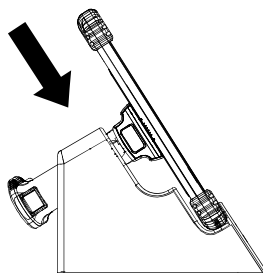
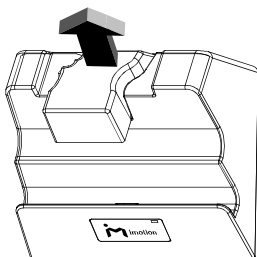


- If you are using **PT Series Single Charging Rack with LAN**, connect the connector of power adapter to the "DC IN" power jack at the bottom of the charger.

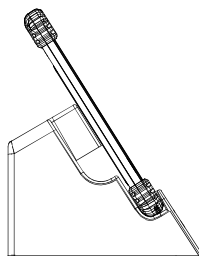


1. Connect the other end of power adapter to the electrical outlet.

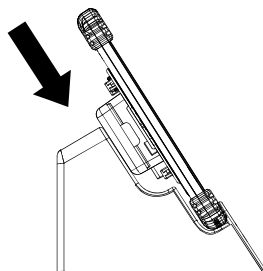
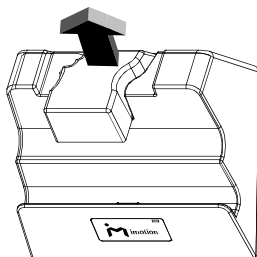
2. Connect PT Series to the charging rack.
 - To charge PT Series tablet with pistol grip, please remove stabilizer from the PT Series Single Charging Rack first, and then attach PT Series to the charging connector of PT Series.



- If you are simply charging the PT Series tablet without pistol grip, have it properly attached to the charging connector of PT Series Single Charging Rack as illustrated in the picture.



- In the case of PT Series with PT Series External Battery Pack, the stabilizer needs to be removed before PT Series is being attached to the charging connector of PT Series Single Charging Rack, as shown in the figure.



3. Once the PT Series is correctly placed to the charging rack, PT Series Single Charging Rack will automatically initiate the charging process. If not, please check whether PT Series is properly connected to the charging rack.
4. Please wait until LED indicator turns solid green, which indicates the battery is fully charged.

Status LED Indicator

LED indicator is specially designed to deliver special message regarding the current status of battery capacity. The below chart enumerates all the possible LED indicators and its meaning for your reference.

LED Status	Descriptions
Solid Orange	Charger Power ON
Blinking Orange	Battery capacity under 80%
Blinking Green	Battery capacity above 80%
Solid Green	Battery is fully charged.

Specifications

	PT Series Single Charging Rack w/o LAN	PT Series Single Charging Rack with LAN
Power Input	5V DC/15W	12V DC/40W
Number of Charger Slot	1 slot	
I/O Ports	N/A	2 x USB 2.0 Ports 1 x 10/100/1000 LAN Port 1 x 4-Pin 12V DC-IN Power Connector
Environmental Requirements	Operating Condition : 5°C ~ 40°C, 20% RH ~ 90% RH Storage Condition : -20°C - 45°C, 10%RH - 90%RH	

* The product information and specifications are subject to change without prior notice. To get the detailed information on PT Series Single Charging Rack, please check this model from <https://www.iwaypro.com/>



PT Series Pistol Grip

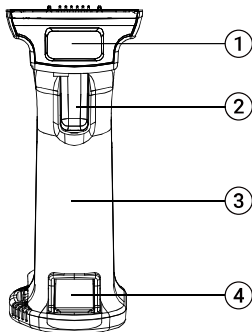
Quick Start Guide

Package Contents

- PT Series Pistol Grip
- Stylus (x 1)
- Battery Pack for Pistol Grip (x 1)
- Quick Start Guide (x 1)

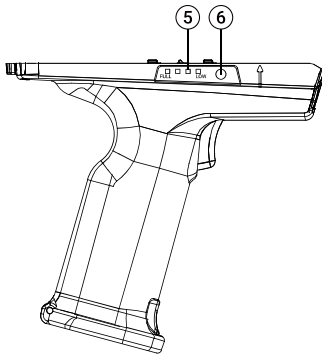
Features

Front View

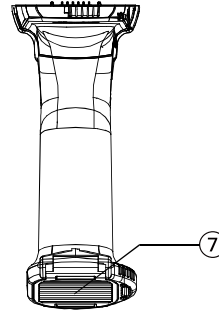


- ① 1D CCD or 1D Laser or 1D/2D CCD Image Scanner
- ② Trigger Button
- ③ Pistol Grip
- ④ Release Button

Left Side View



Back View



- ⑤ Battery Capacity Indicator
- ⑥ Battery Capacity Checking Button

- ⑦ Battery Pack Cover

Connecting PT Series Pistol Grip onto PT Series Tablet

PT Series Pistol Grip is designed for users to easily operate the scanner and normally provided with a three different types of scan engine, including 1D CCD, 1D Laser, and 1D/2D CCD scan engines. To install the pistol grip onto the tablet, refer to the PT Series user manual.

Load a Battery Pack and a Stylus into the Pistol Grip

In general, PT Series Pistol Grip model includes a battery pack for pistol grip. To install the battery pack and stylus, refer to PT Series user manual. As a reminder, after loading the battery into the pistol grip, remember to charge the battery pack first with a charger or a power adapter till it is fully charged. For the detailed description of battery charging, refer to the section titled "Charging the Battery" as described in the PT Series user manual.

Programming Codes

Below are some useful advices you would need while operating PT Series Pistol Grip:

1. All the programming codes are divided into three groups based on the type of your scan engine. Therefore, make sure the type of barcode you attempt to scan is consistent with your scan engine.
2. All barcode names in bold black represent as default settings.
3. Please cover the unwanted codes for scanning the specific barcode required for the programming to prevent confusion in code scanning.
4. Use the user manual downloaded from iMotion website for advanced programming.

Code Options for 1D CCD Scanner

Please be noted that the steps required to efficiently configure 1D CCD scanner are offered as follows.

1. Scan **SET** label
2. Scan required option
3. Scan **END** label

USB-HID Interface

To successfully change your current interface type to USB-HID, make sure you scan the sequence of programming labels in the order as follows:

SET label → XZ label → SU label → XZ label

	SET	
Factory mode	X.Z	

USB-HID	SU	
Factory mode	X.Z	

USB-VCP Interface

To set your scanner to USB-HID interface, it is required to scan the sequence of programming labels in the order listed below:

SET label > XZ label > C01 label > XZ label

	SET	
Factory mode	X.Z	
USB-VCP	C01	
Factory mode	X.Z	

Default Barcode Setting

	SET	
USB-HID	SU	
USB-VCP	C01	

	END	
--	-----	---

Keyboard Wedge/USB Options

	SET	
With keyboard	KM	
Without keyboard	KL	
	END	

Keyboard Language

	SET	
US	KE	
German	KG	
French	KI	
Dutch	PI	

Japanese	PM	
	END	

Special Options

	SET	
Do not use numpad	RN	
Use numpad	RM	
Auto numlock mode	/A	
No CAPSLOCK mode	5Q	
CAPSLOCK mode	8A	
Auto CAPSLOCK mode	2U	
	END	

Intercharacter Delay for Wedges/USB

	SET	
No delay	LA	

Delay = 1	LB	
Delay = 3	LD	
Delay = 5	LF	
Delay = 7	LH	
Delay = 9	LJ	
	END	

Enabling Of Readable Codes

	SET	
Enable UPC	R1	
Enable EAN	R4	
Enable Code 39	B2	
Enable Codabar	B3	

Enable Interleaved 2of5	R8	
Enable Chinese Post Matrix 2of5	JS	
Enable MSI/Plessey	B7	
Enable UK/Plessey	B1	
Enable Code 128	B6	
Enable GS1-Databar	JX	
	END	

Setting Code Specific Options

	SET	
UPC-A, No leading zero, transmit CD	E3	
UPC-A, No leading zero, not transmit CD	E5	
UPC-A, Leading zero, transmit CD	E2	

UPC-A, Leading zero, not transmit CD	E4	
	END	

Options for UPC-E

	SET	
UPC-E, No leading digit, transmit CD	E7	
UPC-E, No leading digit, not transmit CD	E9	
UPC-E, Leading digit, transmit CD	E6	
UPC-E, Leading digit, not transmit CD	E8	
	END	

Options for EAN-13 and EAN-8

	SET	
EAN-13 not transmit CD	6J	
EAN-13 transmit CD	6K	
EAN-8 not transmit CD	6H	
EAN-8 transmit CD	6I	

Disable ISBN translation	IB	
Enable ISBN translation	IA	
	END	

Case Conversion

	SET	
No case conversion	YZ	
Convert to upper case	YW	
Convert to lower case	YX	
	END	

Code Options for 1D Laser Scanner

Trigger Mode

There are two options offered to set up Trigger mode: Presentation Mode, which enables the engine automatically to detect barcode, scan and then transmits the data, and Manual Activation Mode, in which the barcode will be decoded after you press down the trigger button.

Presentation Mode



* Activation Defaults



User Interface Switch Barcodes with Defaults Setting

After the interface type is changed, the current settings will be removed and reset to the default factory settings. **Please do remember to restart the scanner to validate the configuration.**

*USB-Keyboad



USB Serial Emulation



Resetting the Factory Defaults

To restore the engine to factory default settings, first scan the **Remove Custom Defaults** barcode, then scan **Activate Defaults**. This erases the current settings and resets the engine to the factory default settings.

Remove Custom Defaults



Activate Defaults



To Enable or Disable Symbolologies

All Symbolologies

Scan the **All Symbolologies On** code to decode all symbolologies. On the other hand, to decode only a particular symbology, scan **All Symbolologies Off** followed by the **On** symbol for that particular symbology.

On



Off



Codabar

*On



Off



CBRENA0.

Code 39

*On



C39ENA1.

Off



C39ENA0.

Full ASCII

On



C39ASC1.

*Off



C39ASC0.

Interleaved 2 of 5

*On



I25ENA1.

Off



I25ENA0.

Code 93

*On



C93ENA1.

Off



C93ENA0.

Matrix 2 of 5

On



X25ENA1.

*Off



X25ENA0.

Code 11

On



C11ENA1.

*Off



C11ENA0.

Code 128

*On



128ENA1.

Off



128ENA0.

GSI-128

*On



GS1ENA1.

Off



GS1ENA0.

Telepen

On



TELENA1.

*Off



TELENA0.

UPC-A
*On



UPBENA1.

Off



UPBENA0.

Convert UPC-A to EAN-13

* Transmit UPC-A to UPC-A



UPAENA1.

Transmit UPC-A to EAN-13



UPAENA0.

UPC-A Addenda

2 Digit Addenda On



UPAAD21.

* 2 Digit Addenda Off



UPAAD20.

5 Digit Addenda On



UPAAD51.

5 Digit Addenda Off



UPAAD50.

UPC-A Addenda Required

When **Required** is scanned, the engine will only read UPC-A barcodes that have addenda. You must then turn on a 2 or 5 digit addenda.

Required



UPAARQ1.

*Not Required



UPAARQ0.

UPC-E0

Most U.P.C. barcodes lead with the 0 number system. To read these codes, use the **UPC-E0 On** selection. If you need to read codes that lead with the 1 number system, use EAN/JAN-13.

*On



UPEEN01.

Off



UPEEN00.

EAN/JAN-13

*On



E13ENA1.

Off



E13ENA0.

EAN/JAN-8

*On



E8ENA1.

Off



E8ENA0.

MSI

On



MSIENA1.

*Off



MSIENA0.

GS1 DataBar Omnidirectional

*On



RSSENA1.

Off



RSSENA0.

GS1 DataBar Limited

*On



RSLENA1.

Off



RSLENA0.

GS1 DataBar Expanded

*On



RSEENA1.

Off



RSEENA0.

China Post (Hong Kong 2 of 5)

On



CPCENA1.

*Off



CPCENA0.

Code Options for 1D/2D CCD Scanner

Trigger Mode

For 2D scanner, two trigger modes are offered: *Auto Trigger* and *Manual Trigger*. While *Auto Trigger Mode* is activated, the light source of your scanner will always stay on in order to detect barcode data any time. On the other hand, with enabled *Manual Trigger Mode*, the barcode label will not be decoded unless the trigger button is pulled.

Auto Trigger



Manual Trigger



Auto Trigger Detection Mode

Detection Mode allows you to adjust illumination settings to facilitate the process of detecting a target code. However, please be reminded that

Detection Mode only works under the condition that Trigger mode of 2D scanner is set to Auto Trigger.

Regarding each type of available detection modes, the following are related description for your reference.

- **Green aiming detection**

When a target code falls within the aiming range while the green aiming light is emitted, the target is detected. It is recommended to use this mode indoors because the detectability is reduced in an environment of higher illuminance levels than indoor's.

- **Red illumination detection**

When a target code falls within the range of the field of view while the red illumination light is emitted, the target is detected. This mode can be used in a lighted environment.

- **No illumination detection**

A target code is detected without illumination light. The power consumption can be reduced, but the response of detection will also be reduced. Ambient light is used for detection in this mode, so this cannot be used in a dark place while it can be used in a lighted environment.

Green aiming detection



Red aiming detection



No illumination detection



User Interface Switch Barcodes with Defaults Setting

After the interface type is changed, the current settings will be removed and reset to the default factory settings. Please do remember to restart the scanner to validate the configuration.

USB-HID



USB-VCP



Defaults Barcode Setting

Please select one of barcodes listed below to restore the default factory settings.

USB-HID



USB-VCP



Enabling of Readable Codes

Enable UPC



Enable EAN



Enable Code 39



Enable Codabar



Enable Interleaved 2of 5



Enable Chinese Post Matrix 2of 5



Enable POSTNET



Enable MSI/Plessey



Enable UK/Plessey



Enable Code 128



Enable GS1-Databar



Enable GS1-Databar Limited



Enable GS1-Databar Expanded



Enable QR Code



Enable PDF417



Setting Code Specific Options

UPC-A, No leading zero, transmit CD



UPC-A, No leading zero, not transmit CD



UPC-A, Leading zero, transmit CD



UPC-A, Leading zero, not transmit CD



Options for UPC-E

UPC-E, No leading digit, transmit CD



UPC-E, No leading digit, not transmit CD



UPC-E, Leading digit, transmit CD



UPC-E, Leading digit, not transmit CD



Options for EAN-13 and EAN-8

EAN-13 not transmit CD



EAN-13 transmit CD



EAN-8 not transmit CD



EAN-8 transmit CD



Disable ISBN translation



Enable ISBN translation



Case Conversion

No case conversion



Convert to upper case



Convert to lower case



Floodlight and Aiming Options

Disable floodlight



Enable floodlight



Alternating floodlight



Keyboard Wedge/USB Options

With keyboard



Without keyboard



Keyboard Language

US



German



French



Dutch



Japanese



Special options

Do not use numpad



Use numpad



Auto numlock mode



No CAPSLOCK mode



CAPSLOCK mode



Auto CAPSLOCK mode



Intercharacter Delay for Wedges/USB

No delay



Delay = 1



Delay = 3



Delay = 5



Delay = 7



Delay = 9

