U-Pointer 3 Manual for



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1. Connecting to PC

1. Connecting to PC





DISPLAY









- 5M USB cable is base item in gift box, if you extend cable length, use 5M repeater cable.
- Maximum cable length is 15M, use two number of 5M repeater cable.

2. Program Installation

2. Program Installation



1. Click U-Pointer3 installation file icon and select language.

🛃 Setup - U-Pointer3



Welcome to the U-Pointer3 Setup Wizard

 \times

This will install U-Pointer3 version 1.0.0.8 on your computer.

It is recommended that you close all other applications before continuing.

Click Next to continue, or Cancel to exit Setup.

📳 Setup - U-Pointer3



 \times

 \times

4

Select Additional Tasks Which additional tasks should be performed?

Select the additional tasks you would like Setup to perform while installing U-Pointer3, then click Next.

Additional icons:

Create a desktop icon



3. U-Pointer3 installation begin.

< <u>B</u> ack	<u>N</u> ext >	Cancel

4. Click [Next] button to proceed installation.



Ready to Install

Setup is now ready to begin installing U-Pointer3 on your computer.



Click Install to continue with the installation, or click Back if you want to review or change any settings.

Additional tasks:

Additional icons: Create a desktop icon



<	>
	< Back Instal Cancel

5. Click [Installation].



6. U-Pointer3 installation is finished.

3. Run Program

3. Run Program



Double Click the U-Pointer3 icon in background to run program.

4. Configuration Setting

4-1. U-Pointer3 configuration

You can set U-Pointer3 configuration in configuration window.



1. Mode

-Pen Mode : Select when you use pen.

C I cli Mode		Carrent Carryaage	_
O Finger Touch I	Mode	Select	English 🔫
Option			
Ceiling Mount	Mode	Rear Screen Mode	
Nodel Selection			
Select	Short Throw	-	
Alignment			
V Click Miana	nent view' then Alianm	nent view will be displayed.	
× Click Alignn			
X Adjust U-Poi	inter3 to set the screen	n area inside alignment view.	
	inter3 to set the screen	n area inside alignment view.	
	inter3 to set the screen	n area inside alignment view.	
[∞] Click Alignn [∞] Adjust U-Poi	inter3 to set the screen	n area inside alignment view.	
X Adjust U-Poi	inter3 to set the screen	n area inside alignment view. ignment View	
X Adjust U-Poi	inter3 to set the screen	n area inside alignment view. ignment View	
X Adjust U-Poi Calibration U-Pointer3 prov	inter3 to set the screen	ignment View	
X Adjust U-Poi Calibration U-Pointer3 prov	inter3 to set the screen Ali vides two kinds of calib	ignment View	
Click Alignin	inter3 to set the screen Ali vides two kinds of calib tion [Calibration is pro	ignment View oration methods.	ation
X Adjust U-Poi X Adjust U-Poi Calibration U-Pointer3 prov X Auto Calibra Auto Calibra X Auto Calibra	inter3 to set the screen Ali vides two kinds of calib tion [Calibration is pro ration Tuning [to impro pration [User clicks the	ignment View oration methods. oceeded automatically.] rove the accuracy of Auto Calibr	ation]
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X Adjust U-Poi X Adjust U-Poi Calibration U-Pointer3 prov X Auto Calibra Auto Calib X Manual Calib Au	inter3 to set the screen Ali vides two kinds of calib tion [Calibration is pro ration Tuning [to impro oration [User clicks the uto	ignment View oration methods. oceeded automatically.] rove the accuracy of Auto Calibr e points appearing on the screen	ation] directly.]
X Adjust U-Poi Adjust U-Poi Calibration U-Pointer3 prov X Auto Calibra Auto Calib X Manual Calib Au	inter3 to set the screen Ali vides two kinds of calib tion [Calibration is pro ration Tuning [to impro pration [User clicks the uto	ignment View oration methods. oceeded automatically.] rove the accuracy of Auto Calibr or points appearing on the screen	ration] directly.]
* Click Alighn * Adjust U-Poi Calibration U-Pointer3 prov * Auto Calibra Auto Calib * Manual Calib Auto	inter3 to set the screen Ali vides two kinds of calibration [Calibration is pro ration Tuning [to impro pration [User clicks the uto	ignment View oration methods. oceeded automatically.] rove the accuracy of Auto Calibr e points appearing on the screen ng Mar Close	ration] directly.] nual

-Finger Touch Mode : Select when you use finger touch.

2. Language : Select language.

Option : select [Ceiling Mount] when you mount
 U- Pointer on the ceiling





3. Option : Select when U-Pointer was mounted on

ceiling.

Ceiling Mount Mode

4. Configuration Setting

4. Configuration Setting



	Current Lenguage	
	Current Language	English
	Select	English
Rear	Screen Mode	
	-	
view will	be displayed.	
a inside a	lignment view.	
a inside a	lignment view.	
	Rear :	Rear Screen Mode

4. Model Selection : U-Pointer Model could be identified with serial number below.



U-Pointer3 provides two kinds of calibration methods.					
 Auto Calibration [Calibration is proceeded automatically.] Auto Calibration Tuning [to improve the accuracy of Auto Calibration] Manual Calibration [User clicks the points appearing on the screen directly.] 					
Auto Tuning Manual					
Close Firmware Version : 51.06 Software Version : 1.0.0.8					

Model	Serial Num.
Normal Throw Model	UP3N*****
Short Throw Model	UP3S*****
Ultra Short Throw Model	UP3U*****

5. Alignment : Click [Alignment View], then Screen image is shown on alignment view window.

6. Calibration

-Auto : do calibration automatically.

-Tuning : select [Tuning] when auto calibration was failed due to the environment condition. -Manual : do calibration by clicking calibration points by pen manually one by one.

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4. Configuration Setting (Alignment View)

4.Configuration Setting

4-2. Alignment View (U-Pointer position & Angle adjustment)



Pen Mode		Current Language	English
O Finger Touch Mo	de	Select	English
Option			
Ceiling Mount M	ode 🗌 Re	ar Screen Mode	
Model Selection			
Select	Short Throw	-	
Alignment			
≫ Click 'Alignmer ≫ Adjust U-Pointe	nt view' then Alignment view v er3 to set the screen area insid	will be displayed. le alignment view.	
	Alignment V	iew	
Calibration			
U-Pointer3 provide	es two kinds of calibration me	thods.	
X Auto Calibratio	n [Calibration is proceeded au	tomatically.]	ionl
✓ Auto Calibrat	tion [User clicks the points ap	pearing on the screen d	lirectly.]
Auto	Tuning	Manu	al







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- Distance & Angle of U-Pointer should be adjusted so that all the screen area can enter U-Pointer's view, screen area (_____) should be left/right symmetrical & wide enough. (Refer to U-Pointer Distance Chart in page 10)
- Brightness control : drag slide bar to adjust brightness.

4. Configuration Setting (Calibration)

4.Configuration Setting

4-3. Calibration

Calibration is for tuning U-Pointer coordinate. U-Pointer provides auto calibration & manual calibration.



in ouc		Sele	ct Language	
Pen Mode		Curr	ent Language	English
O Finger Touch Mode		Sele	ct	English
Option				
Ceiling Mount Mode				
Model Selection				
Select	Short Throw		-	
X Click 'Alignment vie	w' then Alignment view	v will be d	isplayed.	
X Click 'Alignment vie X Adjust U-Pointer3 to	w' then Alignment view set the screen area in	v will be d side alignn	isplayed. nent view.	
X Click 'Alignment vie X Adjust U-Pointer3 to	w' then Alignment view set the screen area in Alignment	v will be d side alignn	isplayed. nent view.	
 Click 'Alignment vie × Adjust U-Pointer3 to Zalibration U-Pointer3 provides two × Auto Calibration [Ca ✓ Auto Calibration T × Manual Calibration [w' then Alignment view set the screen area in Alignment kinds of calibration n libration is proceeded uning [to improve the User clicks the points a	v will be d side alignn View Nethods. automatic accuracy of appearing	isplayed. nent view. ally.] of Auto Calibrat	tion] lirectly.]





< Auto Calibration >

<Manual Calibration >

- Auto Calibration :

Do not hide screen by human body or some object.

Auto Calibration is fail sometimes due to environment condition, in this case, use manual calibration.

- Manual Calibration :

Click mark with pen till next mark is appeared (Number of marks is 9 or 16 according to the U-Pointer model)

5. Product Contents

5.Product Contents

5-1. Product Contents







Gift Box

U-Pointer3 body

U-Pointer3 Pen



USB Cable (5M)



Pen Nib 5 pieces Battery : 2 pieces

5-2. Product Specification





Size	55mm(L)*70mm(W)*44mm(H)	Size	153mm(L)*14.5mm
Weight	128g	Weight	80g
Power	5V, PC USB Power	Power	15v 3A Battery x2
Technology	Image Processing Technology	Color	Black
Frame rate	60Hz		
Connection	Mini USB		
Bundle software	i-pro (annotation SW)		
Color	Black		

Size	55mm(L)*70mm(W)*44mm(H)	Size	153mm(L)*14.5mm
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Power	5V, PC USB Power	Power	15v 3A Battery x2
Technology	Image Processing Technology	Color	Black
Frame rate	60Hz		
Connection	Mini USB		
Bundle software	i-pro (annotation SW)		
Color	Black		

6. Distance Chart

5.Product Contents

5-3. Pen Nib Replacement

Shake and pull out the tip from the pen. when insert new pen nib, push pen nib slowly.







6. Distance Chart



<Normal Throw Model(NT)>

<ST & UST Model>

Screen Width (W)	Distance of U-Pointer to the screen (D)		
	NT	ST	UST
130	125~200	50~100	28~80
140	140~220	53~105	32~87
150	150~240	56~111	36~95
160	160~260	59~117	40~104
170	170~280	63~124	44~114
180	180~300	67~131	48~125
190	190~325	71~140	52~137
200	200~350	75~150	56~149
210	210~375	79~160	60~162



Unit : Centimeter (cm)

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