## How to display a full screen in the clone mode on the external monitor that is connected to the DVI port of SP5000 series (Display Unit + SP-5B41)

1. On the pull-up menu located on the right end of the task bar on SP5000, select [Graphic Properties] from [Intel HD Graphics icon].

Graphics Properties Graphics Options	•
Exit Tray	Intel® HD Graphics
Intel® HD Graphics Control Panel	😫 🖈
	Customize

Or long-touch somewhere on the desktop, and the right-click menu will appear. Select [Graphics Properties].

	View	+
	Sort by	
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	Graphics Properties	
	Graphics Options	+
	New	•
<b>1</b>	Screen resolution	
<b>_</b>	Gadgets	
2	Personalize	

2. Intel HD Graphics Control Panel starts. Touch or click the [Display] icon.



\*In the steps, 1. and 2., if the characters of "Can't load resource" are displayed, see the Appendix B.

3. Make sure that the model name displayed for [Select Display] is the external monitor connected to SP5000 and select the resolution compatible with the external monitor for [Resolution].

(For how to check the resolution compatible with the external monitor, see the Appendix A.)

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4. Select [Maintain Display Scaling] of Scaling and touch or click [Apply].

Intel® HD G € Display √	raphics Control	Panel		Display Settings	_ □ ×
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5. The display of the external monitor changes. To retain the aspect ratio of the displayed image or display a full screen regardless of the aspect ratio, configure settings on the external monitor.

### Appendix A How to check the resolution compatible with the external monitor

A1. On the Intel HD Graphics Control Panel, touch or click the [Options and Support] icon.



A2. On the pull-down menu on the upper left, select [Information Center].

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Enable     Dicable     Dicable	ri> <alt>F6</alt>		<ctrl><alt>Up</alt></ctrl>	
Disable Freierences				
Support	n Display Panel		Rotate to 90 Degrees	
	<ctrl><alt>F1</alt></ctrl>		<ctrl><alt>Left</alt></ctrl>	
Select Profile	Open Scaling Panel		Rotate to 180 Degrees	
Current Settings	<ctrl><alt>F11</alt></ctrl>		<ctrl><alt>Down</alt></ctrl>	
	Open Intel® HD Graphics Co	ntrol Panel	Rotate to 270 Degrees	
	<ctrl><alt>F12</alt></ctrl>		<ctrl><alt>Right</alt></ctrl>	
	Restore Graphics Defaults	()		
	<ctrl><alt>F8</alt></ctrl>			
00				
		+		
	Restore Defaults	Save Profile	Cancel	Apply

- A3. On the pull-down menu of [Select Option], select [Digital Display \*\*\*].
- (" \*\*\* " means the manufacturer name of the connected external monitor and the model code)

Intel® HD G Options and Sup	raphics Control P pport v	anel	Information Center	_ □ ×
Options and Sup     Select Option     System Information     System Information     Built-in Display     Digital Display DELL U2212HM	Deport ↓         Intel(R) HD Graphic         Report Date:         Report Time (ht:mmss):         Driver Version:         Operating System:         Default Language:         Installed DirectX* Version:         Supported DirectX* Version:         Shader Version:         OpenCL* Version:         OpenCL* Version:	S Wednesday, June 21, 2017 10:39:33 AM 36:15:0.1091 Windows* 7 Tablet PC Edition(6.1.7601) English (United States) 11.0 11.0 5.0 4.0 0.0	Information Center Processor: Processor Speed: Vendor ID: Device ID: Device Revision: Processor Graphics Information Processor Graphics in Use: Video BLOS: Current Resolution:	Lintel(R) Atom(TM) CPU E3825 (© 1.33GHz 1333 MHz 8086 0F31 11 Lintel(R) HD Graphics 3909 1024 x 768
	Physical Memory:	1941 MB		Save a

#### A.4 The resolution stated in the [Supported Modes] is compatible with the connected external monitor.



# Appendix. B Workaround for when "Can't load resource" is displayed instead of [Intel Graphics Control Panel].

There are two ways to solve it.

- a: Download Display driver update patch module, and execute the patch on SP-5B41.
- b: Proceed the workaround

### a. Display driver update patch module

Go to following web site, and download update patch module. http://www.pro-face.com/otasuke/download/sp5000/update/update\_sp5b41\_display.htm

## b. Workaround

If you change the display type, place, and language, display related with [Intel Graphics Control Panel] might be "Can't load resource" as shown below.



This occurs because of a problem related with multilingual environment compatibility of a graphic driver made by Intel. Change the setting temporarily as workaround as shown below.

Here's an example; you set Japanese and this problem occurs. In this case, follow the steps below as workaround. When Intel Graphics Control Panel is opened, close it in advance.

B1. Touch or click [Clock, Language, and Region] on the control panel.



B2. Touch or click [Region and Language].



B3. Click the [Formats] tab and select [English (United States)] on the [Format] pull-down menu. Touch



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	→ 中国語 (繁体字、中海人民共和国マカオ特別)行政区)

B4. After completing the external monitor settings from the step 1 to 4, follow the step B1 to B3 again to return to the previous setting.