

EFCO Technology

Application Note

Document Name	AN1_AIH_Multi-display
Applicable Products	Eagle Eyes-AIH
Application Note Subject	Multi-display Combinations
Usage Designation	<input type="checkbox"/> Internal <input checked="" type="checkbox"/> External

Preface

Revision History

Revision	Date	Author	Description
1.0	2019/06/12	J Yen	Preliminary release

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Warnings, Cautions and Notes

Warning! Warnings indicate conditions, which if not observed, can cause personal injury!



Caution! Cautions are included to help you avoid damaging hardware or losing data.



Note! Notes provide optional additional information.



Title

How many multi-display connection combinations of the AIH can have?

Answer

AIH series can have totally 4 display output ports (2*DP, 1*DVI-D and 1*VGA).



The maximum display output are 3 ports simultaneously. The combinations types show as below.

	Output 1	Output 2	Output 3
Type 1	VGA 1920*1080 @60Hz	DVI-D 1920*1080 @60Hz	DP 3840*2160 @60Hz
Type 2	VGA 1920*1080 @60Hz	DP 3840*2160 @60Hz	DP 3840*2160 @60Hz
Type 3	DVI-D 1920*1080 @60Hz	DP 3840*2160 @60Hz	DP 3840*2160 @60Hz

Note!



1. DOS mode can only support 1 output, display priority as DP1 > DP2 > DVI-D > VGA.
2. When use 3 display output, the OS need install "Intel Graphics Driver".