Description:

DisplayPort Splitter/Distributor allows multiplication of a single DisplayPort-equipped video and audio source (audio performance depends on equipments) to multiple DisplayPort /HDMI-equipped displays.

Multiple monitors can be set as Mirror model or Expand function enables users to combine multiple monitors as a single display, for a panoramic view.

DisplayPort Splitter/Distributors are designed for high end user requiring high quality digital multiple display, such as presentation, gaming, graphic design etc.

Features:

◆ Plug-and-play, no software installation.
◆ Supporting two graphic card working together.
◆ Supporting video display card anyone interface by adapter.
◆ Supporting one panoramic view expand/splitter into multi-monitors.
◆ Supporting TV Wall function.

How to have Expand view:

◆ Raise the resolution
When the output resolution is higher then 1080p (1920 x 1080), it turns to Expand mode automatically.

Specification:

Model	DDS13	DDS14	DHS12	DHS14
Description	DP to DP	DP to DP	DP to HDMI	DP to HDMI
Input Connectors	DisplayPort x 1			
Output Connectors	DP x 3	DP x 4	HDMI x 2	HDMI x 4
Port Selection	3	4	2	4
Power Adapter	5V 2A	5V 2A	5V 1A	5V 2A
Housing	Metal			
Transmission Distance	3M for full bandwidth			
Operating Temperature	0~40° C			
Storage Temperature	-20~60°C			
Humidity	0~90% RH Non-Condensing			
Dimension(mm)	145 x 65.2 x 25		77 x 64 x 25	145 x 65.2 x 25

◆ DHS12:

2x2-Port DisplayPort Splitter

HD Display

Note: 2 models(DHS12) support square TV wall.

Video card

DisplayPort Splitter
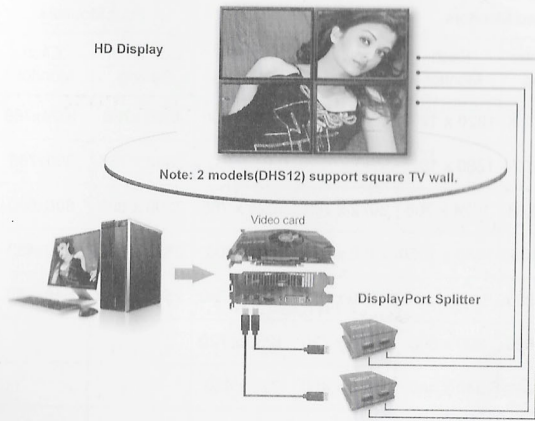
Connection Diagram- Expandview

4

◆ DDS13:

3-Port DisplayPort Splitter

HD Display

Note: 3 models(DDS13) support square TV wall.
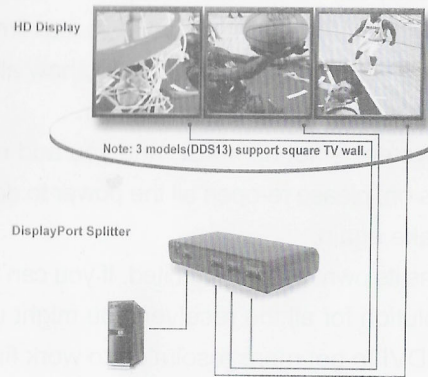
DisplayPort Splitter

Connection Diagram- Expandview

*9 Ports Output —Square TV Wall (DDS13*3pcs)*
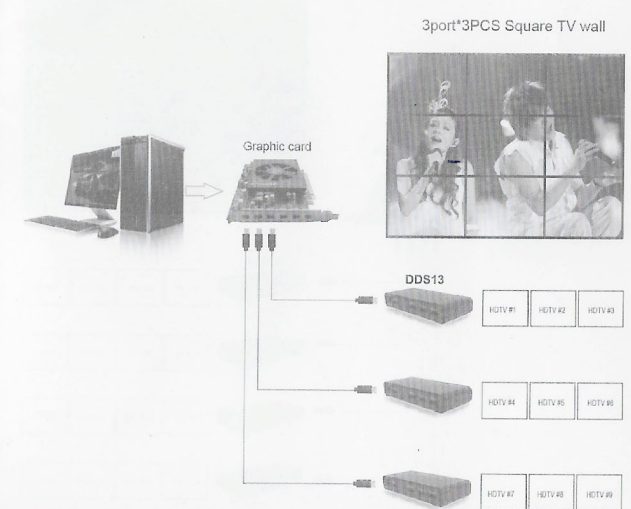
3port*3PCS Square TV wall

Graphic card

DDS13

| HDTV #1 | HDTV #2 | HDTV #3 |

| HDTV #4 | HDTV #5 | HDTV #6 |

| HDTV #7 | HDTV #8 | HDTV #9 |

◆ DDS14:

4-Port DisplayPort Splitter

HD Display

Note: 4 models(DHS14) support square TV wall.

DisplayPort Splitter
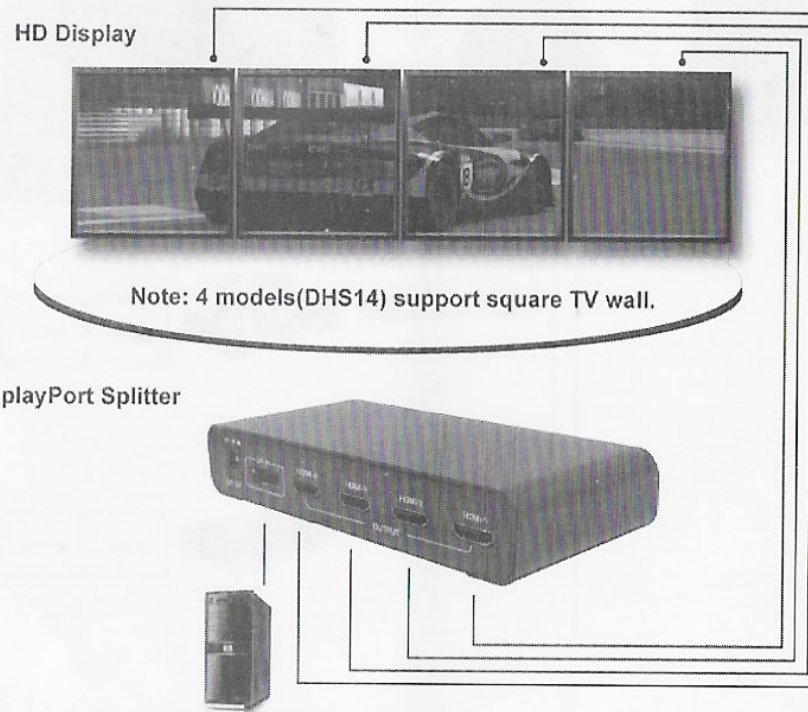
Connection Diagram- Expandview

12 Ports Output —Square TV Wall   (DHS14*3pcs)

4port*3PCS Square TV wall

Graphic card

DHS14

| HDTV #1 | HDTV #2 | HDTV #3 | HDTV #4 |

| HDTV #5 | HDTV #6 | HDTV #7 | HDTV #8 |

| HDTV #9 | HDTV #10 | HDTV #11 | HDTV #12 |
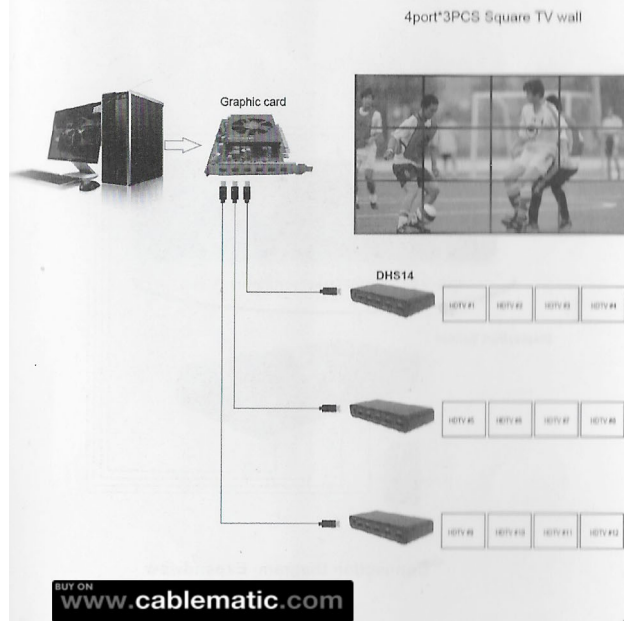
8

16 Ports Output —Square TV Wall   (DHS14*4pcs)

4port*4PCS Square TV wall

Graphic card

DHS14

| HDTV #1 | HDTV #2 | HDTV #3 | HDTV #4 |

| HDTV #5 | HDTV #6 | HDTV #7 | HDTV #8 |

| HDTV #9 | HDTV #10 | HDTV #11 | HDTV #12 |

| HDTV #13 | HDTV #14 | HDTV #15 | HDTV #16 |
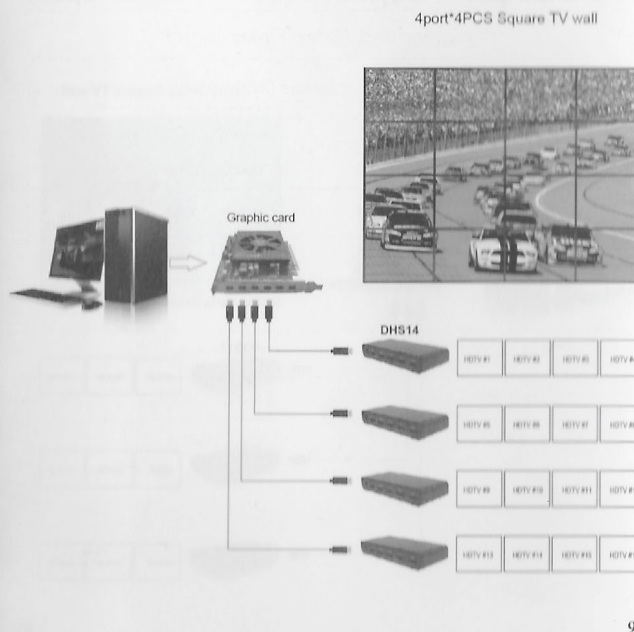
9

Note:

◆ If your device can't play the video, please check these points listing below for your reference:

1. The first connector to the DHS / DDS series products have to support the resolution 1920 x 1080P.

2. Because OS of Windows itself have the max limited of the resolution, it will be problem to show all the view as you use 4x4 or more receiver.

3. As the system is set up ready, and you add new receivers on, please re-open all the power to do the handshake again.

4. HDMI has its own resolution limited. If you can't find the resolution for all the receiver, you might use VGA or DVI to get more resolution to work first.

5. If you still can't find higher resolution to support your receiver, we suggest you adjust the lower resolution for all first, and higher to the max.

10

Resolution List:

1. Resolution for all separated view

Supported Video Resolutions					
Two Monitors		Three Monitors		Four Monitors	
Computer Setting	Each Monitor	Computer Setting	Each Monitor	Computer Setting	Each Monitor
3840 x 1200	1920 x 1200	3840 x 800	1280 x 800	4096 x768	1024x768
2560 x 1024	1280 x 1024	3840 x 1024	1280 x 1024	3840 x 768	960x768
2048 x 768	1024 x 768	3072 x 768	1024 x 768	3200 x 600	800x600
3360 x 1050	1680 x 1050	2400 x 600	800 x 600	2888 x 480	720x480
2880 x 900	1440 x 900	4080 x 768	1360 x 768	2560 x 480	640x480
1600 x 600	800 x 600	3840 x 720	1280 x 720		
1280 x 480	640 x 480	2160 x 480	720 x 480		
2800 x 1050	1400 x 1050	3840 x 960	1280 x 960		

2. Resolution for TV Wall view

Supported Video Resolutions	
Four Monitors (2x2)	
Computer Setting	Each Monitor
3840 x 2400	1920 x 1200
2560 x 2048	1280 x 1024
2048 x 1536	1024 x 768
3360 x 2100*	1680 x 1050
2880 x 1800*	1440 x 900
1600 x 1200*	800 x 600
1280 x 960*	640 x 480
2800 x 2100*	1400 x 1050

* some old diaplay drivers may not support this resolution.