



IEI Technology Corp.

Share Your Tablet Screen On The Huge Video Wall

- Zero configuration.
- Just show it on the huge screen to catch everyone's eyes.
- Show off your ideas, photos, videos and more on your video wall.



HDMI converter



From tablet

To Video Wall

Video Wall Application Scenario



Meeting Room

A meeting room always has a lot of instant demonstrations. Presenter has to present the information of business plan for quick sharing. Video wall is the best solution for these kinds of business needs, which not only provides a clear view for demonstration with tablet, but conveys high quality and elegant concepts to the customers.



Education

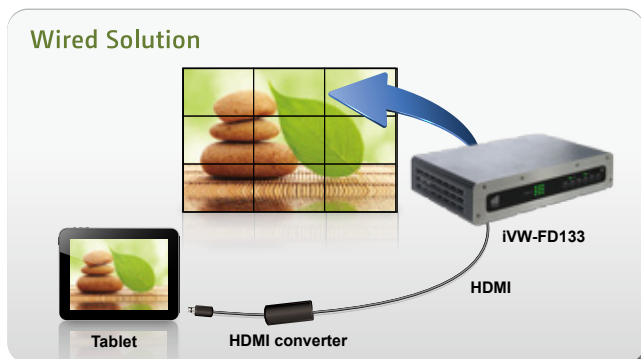
No need to turn off the lights in a classroom anymore!! Use the tablet's touchscreen function to teach students. The tablet content is displayed on a video wall connected to the tablet via a HDMI converter. The clear image transfer enhances the interactions between the teacher and students.



Real Estate

An estate agent needs to present the house information to his customers, including real views from all angles, floor plans, etc. While giving the customers high quality extensity, a video wall provides a great solution in the bright environment. In addition, it can be used to play advertisements routinely after the presentation.

Wired Solution



Apple Airplay Solution



Compatible Tablet and Smartphone Models

Tablet

Platform	Brand	Model	Video Interface	Highest Resolution
iOS	Apple	iPad with Retina display (iPad 4th generation)	Lightning connector	1080p
		iPad mini		
		The New iPad (iPad 3rd generation)	30-pin dock connector	
		iPad 2		
Android	Amazon	Kindle Fire HD 7	Micro HDMI	720p
		Kindle Fire HD 8.9		1080p
		Kindle Fire HD 8.9" 4G		
	ASUS	TF300	Micro HDMI	1080p
	Samsung	Galaxy Note 2	MHL	1080i
		Galaxy Note		
		Galaxy Note 10.1	HDMI Adapter	

Smartphone

Platform	Brand	Model	Video Interface	Highest Resolution
iOS	Apple	iPhone 5	Lightning connector	1080p
		iPhone 4S	30-pin dock connector	
Android	Samsung	Galaxy S III	MHL	1080i
		Galaxy S II		
	SONY	RAZR XT910	Micro HDMI	720p
	Motorola	Xperia P		

Why IEI Video Wall

Video Wall Controller

Connect a tablet or Smartphone directly to the IEI Video Wall for instant display on a huge video wall. No special hardware is required, only a high resolution HDMI output from the device to the video wall controller. The video wall controller tiles together a group of small and inexpensive LCD panels to produce a large video screen.



iVW Series Highlights and Features



iVW-FD133

- 1 x DVI-D input with 9 x DVI-D outputs (3 x 3)
- GeniMask™ bezel compensation feature
- Full HD input



iVW-FD122

- 1 x DVI-D input with 4 x DVI-D outputs (2 x 2)
- GeniMask™ bezel compensation feature
- Full HD input



iVW-FH122

- 1 x HDMI input with 1 x HDMI output and 2 x 2 HDMI outputs
- GeniMask™ bezel compensation feature
- Full HD input



3 x 3
iVW-FD133
iVW-FH133



2 x 2
iVW-FD133
iVW-FD122
iVW-FH133
iVW-FH122

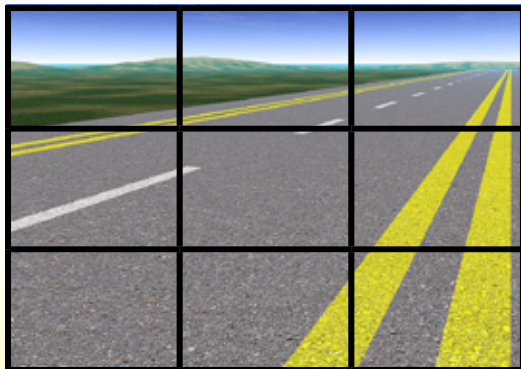


1 x 1
iVW-FD133
iVW-FD122
iVW-FH133
iVW-FH122

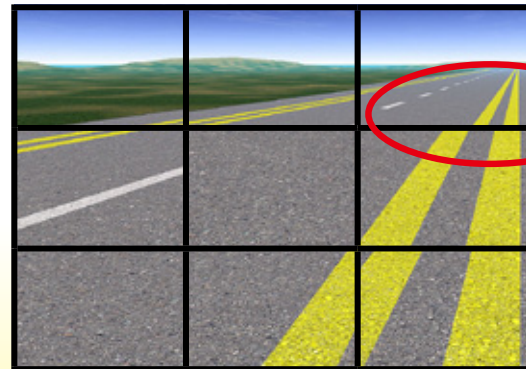
Unique GeniMASK™ Technology

GeniMask™ Technology supports bezel width compensation

- Keep the aspect ratio on high resolution pictures and videos
- Adjustable for various bezel width



GeniMASK™ **ON**



GeniMASK™ **OFF**

FD series specifications



Model		iVW-FH122	iVW-FD122	iVW-FD133			
Fearures		• IEI unique GeniMask bezel masking technology • Support up to 1920 x 1200 input resolution • 1 x Full screen HDMI output and 1 set of 2 x 2 HDMI output • Support 720p/1080p output resolution • Support various display modes, such as full mode, clone mode, PIP mode, and User mode • Audio output via HDMI cable, extra 2 channels analog output and 1 x SPDIF output • Allow remote managing via RS-232 or USB connection • Support HDCP	• IEI unique GeniMask bezel masking technology • Support up to 1920 x 1200 input resolution • Support various display modes, such as full mode, clone mode, and PIP mode. • Allow remote managing via RS-232 or DVI connection • Easy-to-DIY video wall solution	• IEI unique GeniMask bezel masking technology • Support up to 1920 x 1200 input resolution • Support various display modes, such as full mode and clone mode. • Allow remote managing via RS-232 or DVI connection • Easy-to-DIY video wall solution			
Dimensions (W x L x H mm)		146x 166 x 63	230 x 180 x 47	295 x 191 x 65			
Cooling		Internal Fan	Fanless	Internal Fan			
Front Panel	LED Light	6 x LED (1 x Input, 4 x Output, 1 x Power)	6 x LED (1 x Input, 4 x Output, 1 x Power)	11 x LED (1 x Input, 9 x Output, 1 x Power)			
	Keypad	6 Keys	6 Keys	6 Keys			
	IR Receiver	Yes	Yes	Yes			
Rear Panel	Input	1 x HDMI input	1 x DVI-D single-link input	1 x DVI-D single-link input			
	Output	1 x 2 channels analog audio output via 9 pins connector 1 x SPDIF audio output 1 x Full screen HDMI monitoring output 4 x HDMI output	4 x DVI-D single-link output	9 x DVI-D single-link output			
	RS-232	1 x RJ45-to-Serial 1 x mini USB	1 x RS-232	1 x RS-232			
Display Mode		Clone mode, Full mode, PIP mode (4 options), User mode	Clone mode, Full mode, PIP mode (4 options)	Clone mode, Full mode (3 x 3, 2 x 2)			
Resolution		Input	Output	Input	Output	Input	Output
		640 x 400 (70 Hz)	720p / 1080p	640 x 480	1024 x 768	640 x 480	1024 x 768
		720 x 400 (70/85 Hz)		800 x 600	1360 x 768	800 x 600	1360 x 768
		640 x 480 (60/66/70/72/75 Hz)		1024 x 768	1366 x 768	1024 x 768	1366 x 768
		800 x 600 (56/60/66/70/72/75 Hz)		1152 x 864	1280 x 1024	1152 x 864	1280 x 1024
		1024 x 768 (60/66/70/72/75 Hz)		1280 x 768	1400 x 1050	1280 x 768	1400 x 1050
		1152 x 864 (75 Hz)		1280 x 960	1600 x 1200	1280 x 960	1600 x 1200
		1280 x 720 (60 Hz)		1280 x 1024	1680 x 1050	1280 x 1024	1680 x 1050
		1280 x 768 (60 Hz)		1360 x 768	1920 x 1080	1360 x 768	1920 x 1080
		1280 x 960 (60 Hz)		1366 x 768	1920 x 1200	1366 x 768	1920 x 1200"
		1280 x 1024 (60/70/75 Hz)		1440 x 900		1440 x 900	
		1360 x 768 (60 Hz)		1600 x 1200		1600 x 1200	
		1366 x 768 (60 Hz)		1680 x 1050		1680 x 1050	
		1600 x 1200 (60 Hz)		1920 x 1080		1920 x 1080	
		1920 x 1200 (60 Hz)		1920 x 1200		1920 x 1200	
		480p					
		720p					
1080i/p							
Power Consumption		24W	20W	35W			
Power Supply	Connector	DC Power Jack	DC Power Jack	DC Power Jack			
	Input	90VAC to 264VAC/47Hz to 63Hz	90VAC to 264VAC/47Hz to 63Hz	90VAC to 264VAC/47Hz to 63Hz			
	Output	12V DC 3.33A	12V DC 3.33A	12V DC 3.33A			
OSD Function		• Power On/Off • Output resolution selection • GeniMask bezel masking control	• Power On/Off • Output resolution selection • GeniMask bezel masking control	• Power On/Off • Output resolution selection • GeniMask bezel masking control			
Temperature		0°C ~ 40°Cwith air flow	0°C ~ 40°C with air flow	0°C ~ 40°C with air flow			
Safety and Emission		CE, FCC	CE, FCC	CE, FCC			



Headquarters

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