

# VUE-5550 UHD Series

## Advantech 55" Digital Signage

Preliminary



### Features

- 55" active screen size
- Vivid 4K Ultra HD resolution
- Adopt industrial-grade materials
- Reliable 18x7 operation (at least)
- With SDM-L slot for smart AIO solution (all-in-one PC)
- Support both landscape and portrait types of orientation
- Convenient USB Plug and Play function
- Diverse connectivity for multi-media needs
- Support both AC and DC power input (Based on AC power structure, DC power input at 100~144V<sub>DC</sub>) only on Non-touch and IR touch model
- Several touch solutions including IR touch, PCAP touch, and none touch

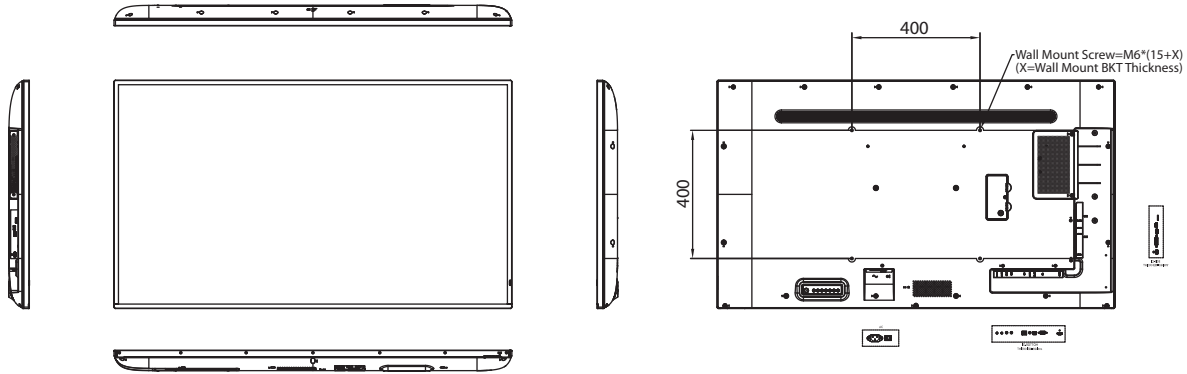
### Specifications

Model Name		None-touch	Infrared Touch (IR)	Projected Capacitive Touch (PCAP)	
Display	Active Screen Size	54.6"			
	Resolution	3840 x 2160 (UHD)			
	Brightness	500 nits (Typ.)	425nits (Typ.)		
	Contrast Ratio	1200:1 (Typ.)			
	Aspect Ratio	16:9			
	Response Time	8 ms (Typ.)			
	Viewing Angle	89° / 89° / 89° / 89°			
	Backlight Life (hours)	30,000 (Typ.)	50,000 (Typ.)		
	Colors	8 bit (16.7M)	10 bit (1.07B)		
	Orientation	Landscape/Portrait			
Operation hours	18hrs/day (18x7 operation)		24hrs/day (24x7 operation)		
Touch	Touch Type	None-touch	Infrared Touch (IR)	Projected Capacitive Touch (PCAP)	
	Touch Function	N/A	20-Point Touch	10-Point Touch	
	Touch Interface	N/A	USB type B interface	USB type B interface	
	Touch Method	N/A	Fingers	Fingers	
	Stylus	N/A	N/A	TBD	
Connectivity	Input	Video	HDMI x 2, VGA x 1, DVI x 1, DisplayPort x 1		
		Audio	Audio Line in x 1		
		Control	RS-232 x 1, IR x 1	RJ11 x1 (For Remote Key Pad)	
	Output	Other slots/ports	SDM-L x 1, Micro SD Card slot x 1, USB typeA 2.0 x 1, USB typeA 3.0 x 1		SDM-L x 1, USB 2.0 (Type B) for Touch Interface (USB-HID) x1, AC Inlet x1
		Video	HDMI x 1		N/A
		Audio	10W+10W Internal Speaker, Audio Line out x 1		8W+8W Internal Speaker, Audio Line out x 1
System	Control Function	IR Remote Control, RS232, Hot key		N/A	
	OSD Language	English / German / French / Italian / Spanish / Russian / Polish / Turkish / Traditional Chinese / Simplified Chinese		English, French, Japanese, Deutsch, Spanish, Italian, Traditional Chinese and Simplified Chinese	
Power	Power Type	Internal power board			
	Power Input-AC	100-240VAC, 50-60Hz, 3.2A			
	Power Consumption	140W (Typ.)	TBD		
Environment	Operating	Temperature	0 ~ 40°C		
		Humidity	10 ~ 80 % (without condensation)		
	Storage	Temperature	-20 ~ 60°C		
		Humidity	10 ~ 80 % (without condensation)		
Mechanical Specification	Waterproof Rating	N/A			
	VESA CompatMBility	400 x 400 mm (15.7 x 15.7 in.)			
	Hand Hoder/Stand	Yes, with 2 hoders			
	Bezel Width	T/L/R/B	13.9 mm, Even bezel with	15.8 mm, Even bezel	TBD
		Physical	1242 x 713 x 64 mm	1272 x 743 x 75 mm	1247.6 x 732.4 x 78.8 mm
	Dimensions (W x H x D)	Packing	1350 x 860 x 160 mm (53 x 34 x 6 in.)	1390 x 901 x 188 mm	1455 x 923 x 230 mm
		Net	TBD	TBD	44.5 Kg
	Weight	Gross	TBD	TBD	47.5 Kg
Installation	Orientation	Landscape/Portrait			
	Mounting on a wall	400 x 400 mm, VESA grid			
	Mounting with stand/arm	400 x 400 mm, VESA grid			
	Mounting through bracket	N/A			
	Extending PC/peripherals	N/A			
Certificate	CB, BSMI, CE, FCC				
Warranty	2-year (1-year for panel)				

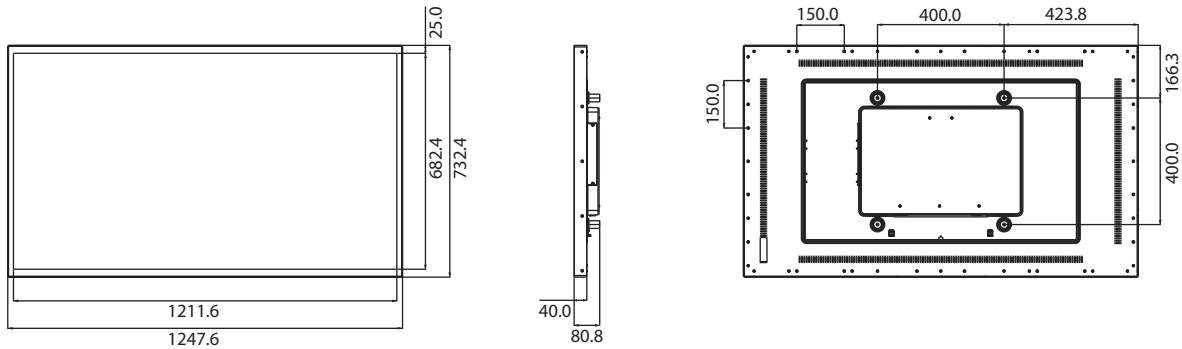
## Dimensions

Unit: mm [inch]

### IR & none touch model



### PCAP model



	Width	Height	Depth	Bezel Width (front)
None touch model	1242	713	64	13.9
IR touch model	1272	743	75	15.8
PCAP touch model	1248	732	79	TBD

## Ordering Information

Part Number				Description	Packing List
None Touch	IR Touch	PCAP Touch			
VUE-5550-UD50SA-V0	VUE-5550-UD50IA-V0	VUE-5550-UD50PA-L0	Advantech 55" Ultra HD Digital Signage (incl. Australia, Japan, Korea and Middle East Power Cord)		<ul style="list-style-type: none"> <li>▪ Power cord (1.8 M)</li> <li>▪ VGA cable (1.8 M)*</li> <li>▪ HDMI cable (1.8 M)</li> <li>▪ DisplayPort cable (1.8 M)</li> <li>▪ DVI Cable (1.8M, Black)</li> <li>▪ Audio cable (1.8M)</li> <li>▪ RS-232 cable (1.8 M)*</li> <li>▪ RS-232 daisy cable (1.8 M)*</li> <li>▪ USB cable (1.8 M), Touch model only</li> <li>▪ Remote control</li> <li>▪ StartUp Manual (paper)</li> </ul>
VUE-5550-UD50SC-V0	VUE-5550-UD50IC-V0	VUE-5550-UD50PC-L0	Advantech 55" Ultra HD Digital Signage (incl. China Power Cord)		
VUE-5550-UD50SX-V0	VUE-5550-UD50IX-V0	VUE-5550-UD50PX-L0	Advantech 55" Ultra HD Digital Signage (incl. Europe, Taiwan, UK, and US Power Cord)		

\* IR & none touch model only

## Optional Accessory

Part Number	Description
960T-WM-40H40V	Wall Mount for Signage, support 50kg, VESA 400x400mm
960T-WM-40H40VF	Wall Mount for Signage, support 80kg, VESA 400x400mm, fixed