

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_{DC}) only on Non-touch and IR touch model
- Several touch solutions including IR touch, PCAP touch, and none touch

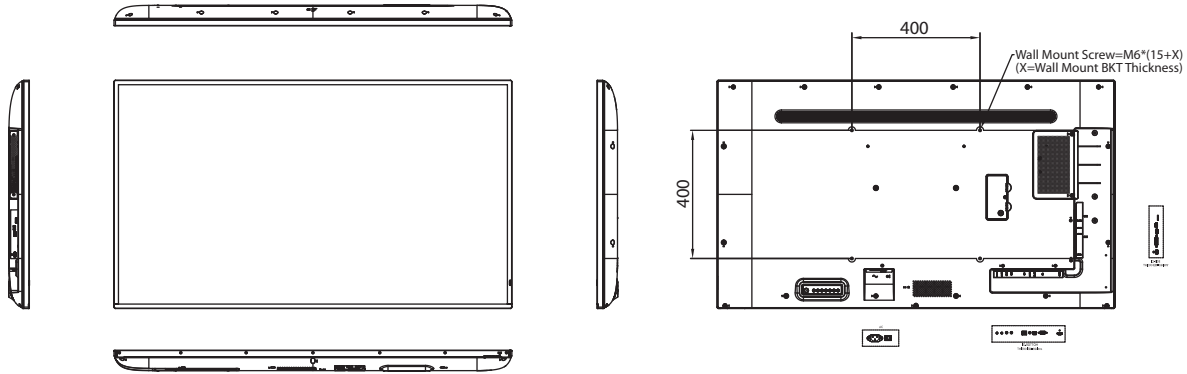
Specifications

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		
	Output	Other slots/ports	SDM-L x1, Micro SD Card slot x 1, USB typeA 2.0 x 1, USB typeA 3.0 x 1 LAN (RJ45) x1		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	100-240V _{AC} , 50-60Hz, 3.2A			
	Power Consumption	160W (Typ.)	TBD		
Environment	Operating	Temperature	0 ~ 40°C		
		Humidity	20 ~ 80 % (without condensation)		
	Storage	Temperature	-20 ~ 60°C		
		Humidity	5-95 % (without condensation)	20-90 % (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	16.7 Kg	26.6 Kg	44.5 Kg
	Weight	Gross	22.3 Kg	31.2 Kg	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)				

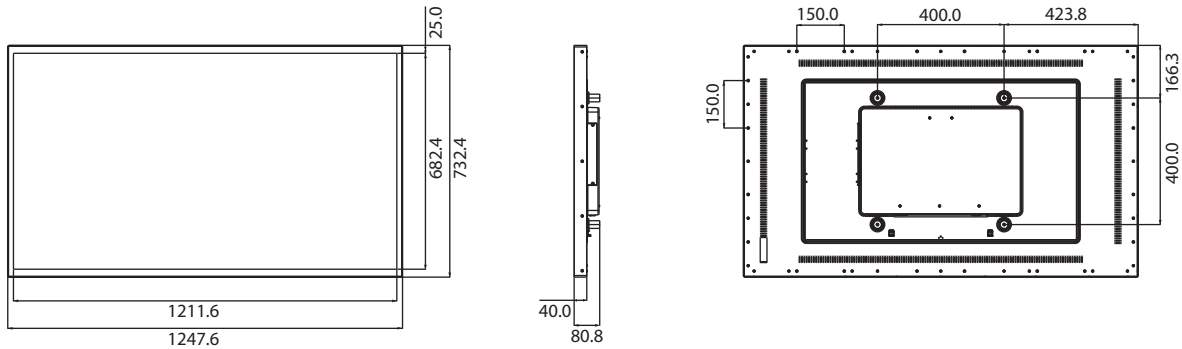
Dimensions

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"> ▪ Power cord (1.8 M) ▪ VGA cable (1.8 M)* ▪ HDMI cable (1.8 M) ▪ DisplayPort cable (1.8 M) ▪ DVI Cable (1.8M, Black) ▪ Audio cable (1.8M) ▪ RS-232 cable (1.8 M)* ▪ RS-232 daisy cable (1.8 M)* ▪ USB cable (1.8 M), Touch model only ▪ Remote control ▪ StartUp Manual (paper)
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