

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

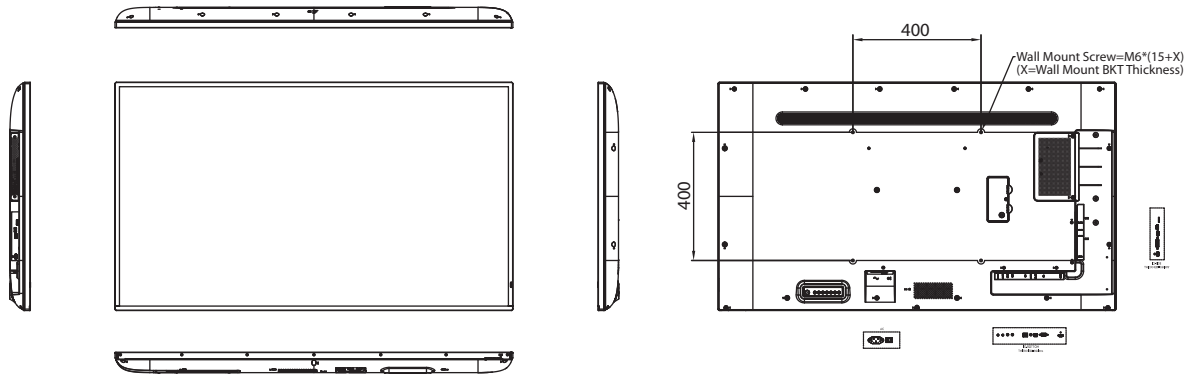
Specifications

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.)		
	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.)		
	Colors		8 bit (16.7M)		
	Orientation		Landscape/Portrait		
Operation hours		18hrs/day (18x7 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		HDMI x 2, 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)
		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
	Output	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
Control		RS-232 x 1, IR x 1		N/A	
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		N/A
	Bezel Width	T/L/R/B	13.9 mm, Even bezel with	15.8 mm, Even bezel	TBD
	Dimensions (W x H x D)	Physical	1242 x 713 x 64 mm	1272 x 743 x 75 mm	1247.6 x 732.4 x 78.8 mm
		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
	Weight	Net	TBD	TBD	44.5 Kg
		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, CE, FCC, BSMI, CCC, ErP, CEC		
Warranty			2-year (1-year for panel)		

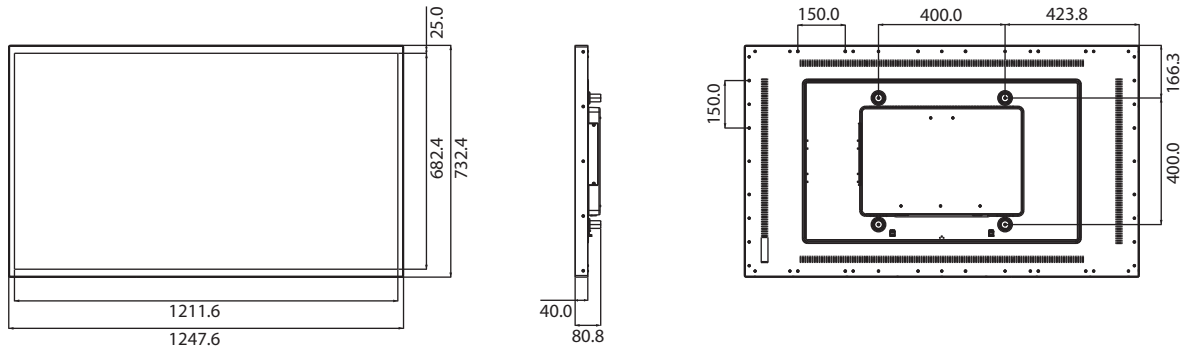
Dimensions

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)	- 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