

55 4K UHD PCAP TOUCH DISPLAY

Precision interaction. Built for public-facing experiences.

MODEL VS55-U



4K UHD

3840 x 2160

PCAP TOUCH

10 simultaneous points

450 NITS

minimum luminance

5 MM GLASS

tempered, Mohs 7

ENGINEERED FOR CLEAR, DURABLE INTERACTION

01 CRISP 4K CANVAS

High-density 4K UHD detail with 450 nits-class luminance for information-rich interactive content.

02 RESPONSIVE PCAP

Ten-point capacitive touch for natural finger and passive-stylus interaction.

03 INTEGRATION READY

Legacy and digital AV inputs, USB touch control, built-in audio and a standard VESA interface.

APPLICATIONS MUSEUMS & GALLERIES / WAYFINDING / SELF-SERVICE / RETAIL / CONTROL INTERFACES

PURPOSE-BUILT TOUCH

Built for public interaction.

STRAIGHTFORWARD SYSTEM INTEGRATION

HDMI / DVI / VGA / USB TOUCH / 2 x 5 W AUDIO / VESA MOUNTING

TECHNICAL SPECIFICATION

VPLEX Sense 55 / VS55-U

DISPLAY

PARAMETER	SPECIFICATION
Display size	55-inch class TFT LCD
Native resolution	3840 x 2160 pixels (4K UHD)
Refresh rate	60 Hz nominal
Aspect ratio	16:9
Active image area	1210 x 682 mm
Pixel pitch	0.31 x 0.31 mm
Brightness	450 cd/m2 minimum
Contrast	5000:1 minimum
Viewing angle	175 degrees H/V
Backlight	WLED
Backlight life	60,000 hours minimum

TOUCH SYSTEM

PARAMETER	SPECIFICATION
Technology	G+G projected capacitive (PCAP)
Touch points	10 simultaneous touch points
Input method	Finger or passive capacitive stylus
Touch accuracy	+/- 1.5 mm
Touch response	10 ms or less
Minimum object	5 mm or larger
Touch interface	USB touch interface, plug-and-play
Protective surface	5 mm tempered glass, Mohs 7

CONNECTIVITY & AUDIO

PARAMETER	SPECIFICATION
Digital input	1 x HDMI
Legacy inputs	1 x DVI; 1 x VGA
Touch control	1 x USB touch interface
Audio input	1 x 3.5 mm stereo
Audio output	1 x 3.5 mm stereo
Speakers	2 x 5 W integrated

POWER & OPERATING ENVIRONMENT

PARAMETER	SPECIFICATION
Power input	AC 100-240 V, 50/60 Hz
Maximum power	Less than 125 W
Standby power	Less than 3 W
Operating temperature	0 to 40 degrees C
Operating humidity	20% to 80% RH

MECHANICAL

PARAMETER	SPECIFICATION
Overall dimensions	1284 x 757.3 x 80.3 mm max.
Enclosure	Black metal rear housing; rounded front frame
VESA mount	400 x 400 mm
Mounting orientation	Landscape
Built-in audio	Integrated stereo speakers