

86 4K UHD PCAP TOUCH DISPLAY

Precision interaction. Built for public-facing experiences.

MODEL VS86-U



4K UHD

3840 x 2160

PCAP TOUCH

20 simultaneous points

500 NITS

typical luminance

5 MM GLASS

anti-glare, Mohs 7

ENGINEERED FOR CLEAR, DURABLE INTERACTION

01 CRISP 4K CANVAS

High-density 4K UHD detail with 500 nits-class luminance for information-rich interactive content.

02 RESPONSIVE PCAP

Twenty-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 86 / VS86-U

DISPLAY

PARAMETER	SPECIFICATION
Display size	86-inch class TFT LCD
Native resolution	3840 x 2160 pixels (4K UHD)
Refresh rate	60 Hz nominal
Aspect ratio	16:9
Active image area	1895.04 x 1065.96 mm
Pixel pitch	0.49 x 0.49 mm
Brightness	500 cd/m2 typical
Contrast	5000:1 typical
Viewing angle	178 degrees H/V
Backlight	DLED
Backlight life	50,000 hours typical

TOUCH SYSTEM

PARAMETER	SPECIFICATION
Technology	G+G projected capacitive (PCAP)
Touch points	20 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 anti-glare 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 300 W
Standby power	Less than 5 W
Operating temperature	0 to 40 degrees C
Operating humidity	20% to 80% RH

MECHANICAL

PARAMETER	SPECIFICATION
Overall dimensions	1961.6 x 1134.6 x 119.1 mm
Enclosure	Black metal rear housing; rounded front frame
VESA mount	800 x 600 mm
Mounting orientation	Landscape
Built-in audio	Integrated stereo speakers