55" 40pt PCAP touch monitor with edge-to-edge glass

The 4K UHD (3840x2160) T5561UHSC is the ideal interactive display solution for education, interactive Digital Signage and in-store communications. The Projective Capacitive (PCAP) touch technology with 40 touch points ensures a seamless and accurate touch response.

Featuring scratch-resistant metal housing with 60950-1 ball-drop proof, edge-to-edge glass and an IPS panel; this display can be used in landscape and portrait orientation in the most demanding environments for maximum flexibility and accessibility. This through glass touch screen has capacity to work through glass and can turn glass surfaces into an interactive touch screen display. Use it on storefront windows, real estate office, in-store for POS or restaurants.

Touch technology - Capacitive

This technology uses a sensor-grid of micro-fine wires integrated into the glass that covers the screen. Touch is detected because electrical characteristics of the sensor grid change when human finger is placed on the glass. Thanks to the glass overlay this technology is highly durable, and the touch function remains unaffected even if the glass is scratched. It offers perfect picture performance and will work with human finger (also latex gloved) and stylus-pen.

Touch through-glass

This through glass touch screen works right through glass and can turn glass surfaces into an interactive touch screen display. Use it on storefront windows, real estate office, in-store for POS or restaurants.

01 DISPLAY CHARACTERISTICS

Design	Edge to edge glass
Diagonal	55", 139.7cm
Panel	IPS LED
Native resolution	3840 x 2160 @60Hz (8.2megapixel 4K UHD, HDMI & DisplayPort)
Aspect ratio	16:9
Brightness	450 cd/m² typical
Brightness	420 cd/m² with touch
Static contrast	1100:1 typical
Light transmittance	85%
Response time	6ms
Viewing zone	horizontal/vertical: 178°/178°, right/left: 89°/89°, up/down: 89°/89°
Colour support	16.7mln 8bit
Horizontal Sync	30 - 81KHz
Vertical Sync	30 - 60Hz
Viewable area W x H	1209.6 x 680.4mm, 47.6 x 26.8"
Bezel width (sides, top, bottom)	20mm, 20mm, 20mm
Pixel pitch	0.315mm
Bezel colour and finish	black, matte

02 TOUCH

Touch technology	projective capacitive
Touch points	40 (HID, only with supported OS)
Touch method	finger, glove (latex), capacitive stylus
Touch interface	USB
Supported operating systems	All iiyama monitors are Plug & Play and compatible with Windows and Linux. For details regarding the supported OS for the touch models, please refer to the driver instruction file available in the downloads section.
Through-Glass	6mm (2 points touch)

03 INTERFACES / CONNECTORS / CONTROLS

Digital signal input	DVI x1 (max. 1920x1200 @60Hz) HDMI x2 (v.2.0 x1 max. 3840x2160 @60Hz, v.1.4 x1 max. 3840x2160 @30Hz) DisplayPort x1 (v.1.2 max. 3840x2160 @60Hz)
Audio input	Mini jack x1 (3.5mm)
Audio output	Mini jack x1 Speakers 2 x 8W
Monitor control output	OPS Slot x1 (SDM-L)
HDCP	yes
USB ports	x1 (touch screen I/F)

04 FEATURES

Extra	DC out for Mini-PC, slot for Smart Display Module (SDM-L), anti-fingerprint coating
Max. non-stop operating time	24/7
Glass thickness	3mm
Glass hardness	6H

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60950 Ball drop test	yes
Water and dust protection	IP65 (front)
Housing (bezel)	metal
OSD key lock	yes

05 GENERAL

OSD languages	EN, DE, FR, ES, IT, CN, JP
Control buttons	Menu, Scroll up/Brightness, Scroll down/Mute, Select/Auto, Power
User controls	picture (contrast, brightness, H Position, V Position, phase, clock, auto), advanced (colour temperature, sharpness), OSD (timeout, position, H Position, V Position, touch switch, image shift), option (reset, language, source selection, display mode, volume, mute, auto dim.)
Plug&Play	DDC2B

06 MECHANICAL

Orientation	landscape, portrait
VESA mounting	400 x 400mm
Mini PC mount	VESA 100 x 100, NUC INTEL
Operation temperature range	0°C - 40°C
Storage temperature range	- 20°C - 60°C

07 ACCESSORIES INCLUDED

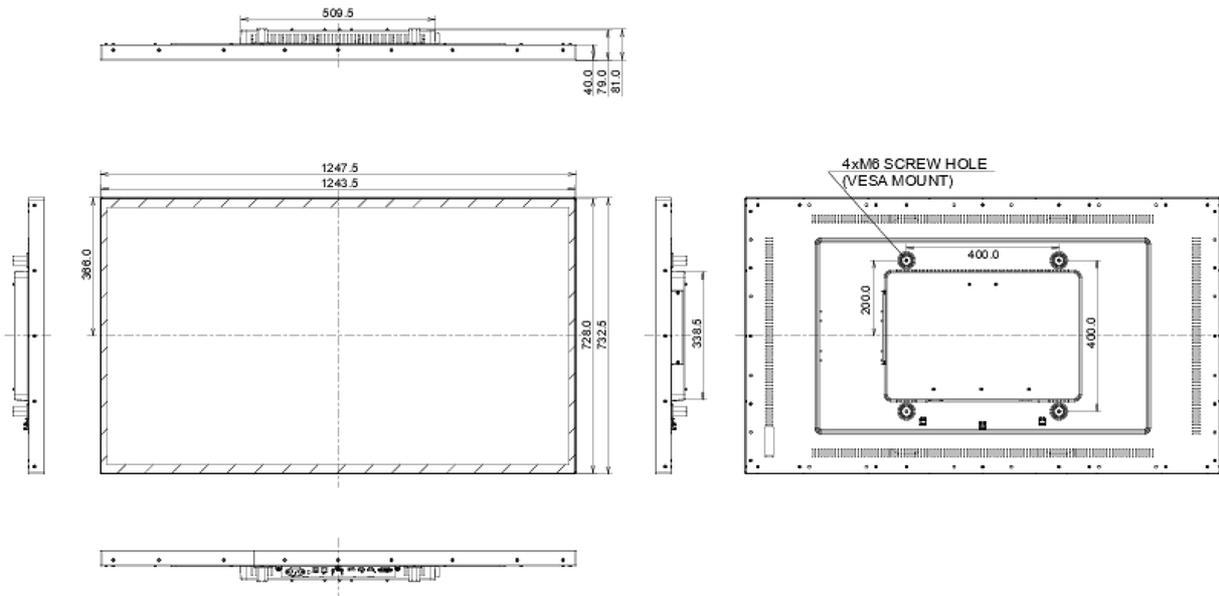|	
Cables	power, DVI-I-VGA, USB, HDMI, Audio
Guides	quick start guide, safety guide

08 POWER MANAGEMENT

Power supply unit	internal
Power supply	AC 100 - 240V, 50/60Hz
Power usage	110W typical, 2.0W stand by

09 SUSTAINABILITY

Regulations	CB, CE, EAC
Energy efficiency class	C
Other	REACH SVHC above 0.1%: Lead

10 DIMENSIONS / WEIGHT

Product dimensions W x H x D	1247.5 x 732.5 x 81mm
Weight (without box)	30.7kg
EAN code	4948570116805

11 EU ENERGY EFFICIENCY LABEL

Manufacturer	iiyama
Model	ProLite T5561UHSC-B1
Power in Standby	2.0W stand by
Resolution	3840 x 2160