

## 55" 12pt Open Frame PCAP touch monitor with edge-to-edge glass

The 4K UHD (3840x2160) Open Frame TF5538UHSC is the ideal interactive display solution for education, kiosks, interactive Digital Signage and in-store communications. The Projective Capacitive (PCAP) touch technology with 12 touch points ensures a seamless and accurate touch response. Featuring a metal housing with 60950-1 ball-drop proof, scratch-resistant, edge-to-edge glass and an IPS panel; this display can be used in landscape, portrait and face-up orientation in the most demanding environments for maximum flexibility and accessibility. Either as a stand-alone wall mounted solution or built-in a desk or kiosk thanks to its Open Frame mounting holes.

### 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.

### Open frame

Open frame monitors feature special mounting screw holes on all sides of the monitor that can be used for installing the monitor. Open Frame monitors are an ideal solution for kiosk integrators and Instore Retail.

## 01 DISPLAY CHARACTERISTICS

<b>Design</b>	Edge to edge glass, Open Frame
<b>Diagonal</b>	55", 139cm
<b>Panel</b>	IPS LED, AG coated glass
<b>Native resolution</b>	3840 x 2160 @60Hz (8.3 megapixel 4K UHD)
<b>Aspect ratio</b>	16:9
<b>Panel brightness</b>	500 cd/m <sup>2</sup>
<b>Brightness</b>	420 cd/m <sup>2</sup> with touch
<b>Light transmittance</b>	84%
<b>Static contrast</b>	1100:1
<b>Response time (GTG)</b>	8ms
<b>Viewing zone</b>	horizontal/vertical: 178°/178°, right/left: 89°/89°, up/down: 89°/89°
<b>Colour support</b>	16.7mln 8bit
<b>Horizontal Sync</b>	30 - 83kHz
<b>Viewable area W x H</b>	1209.6 x 680.4mm, 47.6 x 26.8"
<b>Pixel pitch</b>	0.315mm
<b>Bezel colour and finish</b>	black, matte

## 02 TOUCH

<b>Touch technology</b>	projective capacitive
<b>Touch points</b>	12 (HID, only with supported OS)
<b>Touch method</b>	stylus, finger, glove (latex)
<b>Touch interface</b>	USB
<b>Supported operating systems</b>	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.
<b>Palm rejection</b>	yes

## 03 INTERFACES / CONNECTORS / CONTROLS

<b>Analog signal input</b>	VGA x1 (max. 1920x1200 @60Hz)
<b>Digital signal input</b>	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)
<b>Audio input</b>	Mini jack x1
<b>Monitor control input</b>	RS-232c x1 (Get/Set Command) RJ45 (LAN) x1
<b>Audio output</b>	Mini jack x1 Speakers 2 x 8W
<b>HDCP</b>	yes

## 04 FEATURES

<b>Extra</b>	handles
<b>Kiosk mode</b>	yes
<b>Max. non-stop operating time</b>	24/7
<b>Glass thickness</b>	4mm
<b>60950 Ball drop test</b>	yes
<b>Water and dust protection</b>	IP54 (front)

Housing (bezel)	metal
OSD key lock	yes
Remote control lock	yes

## 05 GENERAL

OSD languages	EN, DE, FR, ES, IT, RU, NL, PL
Control buttons	Power, Left, Right, Up, Down, Menu, Source/Enter
User controls	picture (picture mode, backlight, contrast, brightness, chroma, phase, sharpness, color temperature, reset), sound (treble, bass, balance, volume, mute, speaker, audio, source, reset), screen (aspect, adjust screen, touch feature), setting (language, schedule, power save, control setting, network settings, advanced, information, all reset)
Plug&Play	DDC2B
Warranty	5 years warranty

## 06 MECHANICAL

Orientation	landscape, portrait, face-up
VESA mounting	600 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, USB, HDMI, DP, IR-Extender
Guides	quick start guide, safety guide
Other	IR extender
Cable cover	yes
Remote control	yes (batteries included)

## 08 POWER MANAGEMENT

Power supply unit	internal
Power supply	AC 100 - 240V, 50/60Hz
Power usage	120W typical, 1.0W stand by, 1.0W off mode

## 09 SUSTAINABILITY

Regulations	CB, CE, TÜV-Bauart, RoHS support, ErP, WEEE, CU, cULus, REACH
REACH SVHC	above 0.1%: Lead

## 10 DIMENSIONS / WEIGHT

Product dimensions W x H x D	1294.5 x 765.5 x 68mm
Box dimensions W x H x D	1400 x 930 x 245mm
Weight (without box)	41kg
EAN code	4948570115808

