

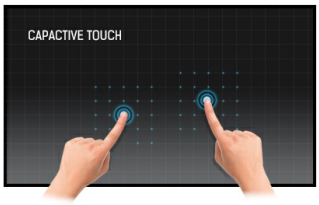




65" 50pt Open Frame PCAP touch monitor with edge-to-edge glass

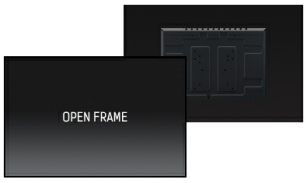
The 4K UHD (3840x2160) Open Frame TF6538UHSC is the ideal interactive display solution for education, kiosks, interactive Digital Signage and in-store communications. The Projective Capacitive (PCAP) touch technology with 50 touch points ensures a seamless and accurate touch response. Featuring a metal 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.

Also available in 32 inch: TF3238MSC-B1AG, 43 inch: TF4338MSC-B1AG, 49 inch: TF4938UHSC-B1AG and 55" black and white: TF5538UHSC-B1AG & TF5538UHSC-W1AG



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

Design	Edge to edge glass, Open Frame
Diagonal	65", 165cm
Panel	IPS LED, AG coated glass
Native resolution	3840 x 2160 @60Hz (8.3 megapixel 4K UHD)
Aspect ratio	16:9
Brightness	500 cd/m² typical
Brightness	420 cd/m² with touch
Static contrast	1100:1 typical
Light transmittance	84%
Response time	8ms
Viewing zone	horizontal/vertical: 178°/178°, right/left: 89°/89°, up/down: 89°/89°
Colour support	16.7mln (8bit)
Horizontal Sync	30 - 83KHz
Vertical Sync	23 - 76Hz
Viewable area W x H	1430.9 x 806mm, 56.3 x 31.7"
Pixel pitch	0.372mm
Bezel colour and finish	black, matte

02 TOUCH

Touch technology	projective capacitive
Touch points	50 (HID, only with supported OS)
Touch method	finger, stylus, glove (latex)
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.
Palm rejection	yes

03 INTERFACES / CONNECTORS / CONTROLS

Analog signal input	VGA x1 (max. 1920x1200 @60Hz)
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
Monitor control input	RS232 x1 (Get/Set Command) RJ45 (LAN) x1 IR x1
Audio output	Mini jack x1 Speakers 2 x 8W
HDCP	yes

04 FEATURES

Extra	handles
Kiosk mode	yes
Max. non-stop operating time	24/7
Glass thickness	5mm

60950 Ball drop test	yes
Impact testing	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

06 MECHANICAL

Orientation	landscape, portrait, face-up
VESA mounting	600 x 400mm
Mini PC mount	NUC INTEL, VESA 100 x 100
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

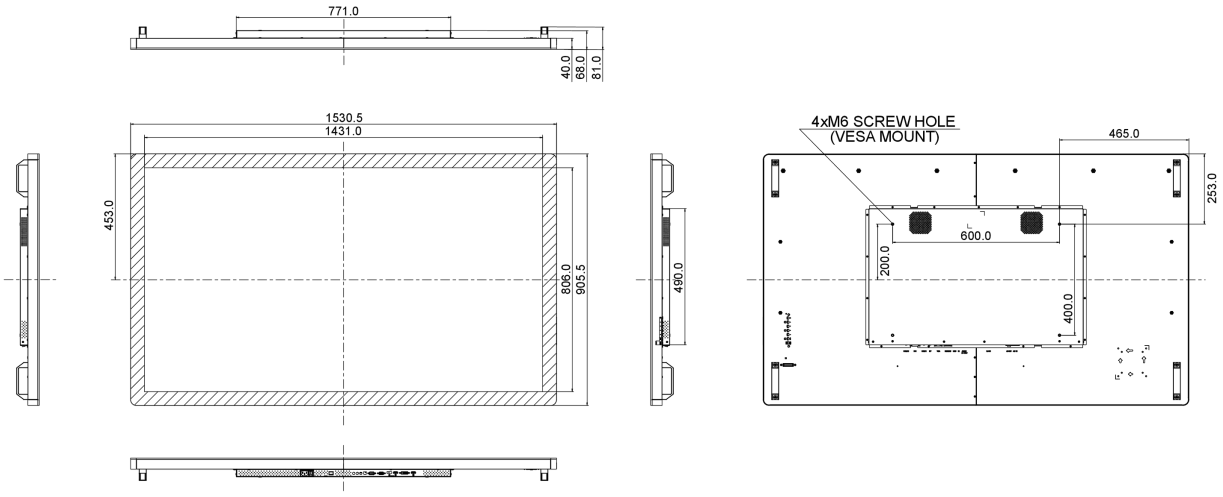
Power supply unit	internal
Power supply	AC 100 - 240V, 50/60Hz
Power usage	145W typical, 1.0W stand by

09 SUSTAINABILITY

Regulations	CB, CE, TÜV-Bauart, CU, cULus
Energy efficiency class	A

10 DIMENSIONS / WEIGHT

Product dimensions W x H x D	1530.4 x 905.6 x 67.6mm
Box dimensions W x H x D	1670 x 1020 x 310mm
Pallet volume	4pcs
Weight (without box)	59.8kg
EAN code	4948570115815



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