





55" Open Frame PCAP interactive large format display with 15pt touch capability, IPS panel technology and touch through glass function for landscape, portrait or face up use

The 4K UHD (3840x2160) Open Frame TF5539UHSC-W1AG with Touch-Through-Glass function guarantees a seamless and accurate touch response for true kiosk integration or interactive behind-glass-retail applications. The IPS panel technology offers exceptional colour performance and wide viewing angles, making it a perfect solution for interactive shop windows, education, kiosks and in-store communications. Featuring a metal housing with 60950-1 ball-drop proof, scratch-resistant and edge-to-edge glass, this display can be installed in the most demanding environments for an 24/7 usage and in different set-ups as a result of its Open Frame side mounting holes. For ease of integration, the TF5539UHSC-W1AG can be equipped with optional external mounting brackets (OMK4-2) making it an ideal solution for kiosk integrators and interactive multimedia.

Available also in black: ProLite TF5539UHSC-B1AG



IPS Technology

IPS displays are best known for wide viewing angles and natural, highly accurate colours. They are especially suited for colour-critical applications.



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, Open Frame
Diagonal	55", 139cm
Panel	IPS LED, AG coated glass
Native resolution	3840 x 2160 @60Hz (8.3 megapixel 4K UHD)
Aspect ratio	16:9
Panel brightness	500 cd/m²
Light transmittance	84%
Static contrast	1100:1
Response time (GTG)	8ms
Viewing zone	horizontal/vertical: 178°/178°, right/left: 89°/89°, up/down: 89°/89°
Colour support	16.7mln 8bit
Horizontal Sync	30 - 83kHz
Viewable area W x H	1212 x 683mm, 47.7 x 26.89"
Bezel width (sides, top, bottom)	29.7mm, 33.2mm, 33.2mm
Pixel pitch	0.315mm
Bezel colour and finish	white, matte

02 TOUCH

Touch technology	projective capacitive
Touch points	15 (HID, only with supported OS)
Touch accuracy	+- 3mm
Touch method	stylus, finger, 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.
Through-Glass	6mm
Palm rejection	yes

03 INTERFACES / CONNECTORS / CONTROLS

Analog signal input	VGA x1 (max. 1920x1080 @60Hz)
Digital signal input	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	RS-232c x1 RJ45 (LAN) x1
Audio output	Mini jack x1 Speakers 2 x 8W
HDCP	yes

04 FEATURES

Extra	handles, touch through-glass, temperature sensor with fan control
Max. non-stop operating time	24/7
Anti image retention	yes
Glass thickness	4mm

Glass hardness	7H
60950 Ball drop test	yes
Water and dust protection	IP54 (front)
Housing (bezel)	metal

05 GENERAL

OSD languages	EN, DE, FR, ES, IT, RU, NL, PL
Control buttons	power, menu, exit, up, down
User controls	picture (backlight, contrast, brightness, sharpness, H/V-position, phase, Chroma, adjust screen, colour temp., picture mode), sound (treble, bass, balance, volume, mute, speaker, audio source), screen (aspect, Touch feature, reset), settings (OSD time, OSD H/V position, language, schedule, power save, control setting, network setting, advanced, information, all reset)
Plug&Play	DDC2B

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
MTBF	50000 hours (excluding backlight)

07 ACCESSORIES INCLUDED

Cables	power, USB, HDMI, DP
Guides	quick start guide, safety guide
Cable cover	yes

08 POWER MANAGEMENT

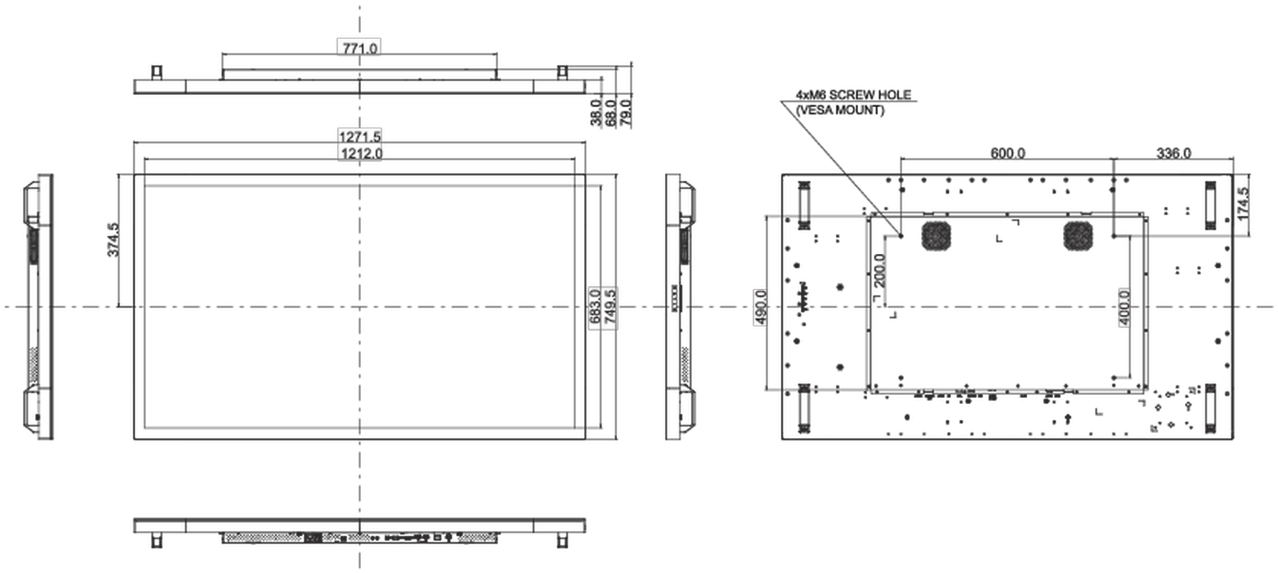
Power supply unit	internal
Power supply	AC 100 - 240V, 50/60Hz
Power usage	155W typical, 1.5W stand by, 0.3W off mode

09 SUSTAINABILITY

Regulations	CE, EAC, RoHS support, ErP, WEEE, cULus, REACH, UKCA
Energy efficiency class (Regulation (EU) 2017/1369)	G
REACH SVHC	above 0.1%: Lead

10 DIMENSIONS / WEIGHT

Product dimensions W x H x D	1271.5 x 749.4 x 68mm
Box dimensions W x H x D	1400 x 930 x 245mm
Weight (without box)	41kg
Weight (with box)	46.5kg
EAN code	4948570118076



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