



# 49" 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 TF4939UHSC-B1AG 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 TF4939UHSC-B1AG can be equipped with optional external mounting brackets (OMK4-2) making it an ideal solution for kiosk integrators and interactive multimedia.



#### **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.



Diagonal 49", 123cm  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	Design	Edge to edge glass, Open Frame
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	Diagonal	49", 123cm
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Static contrast  Response time (GTG)  8ms  Viewing zone  horizontal/vertical: 178°/178°, right/left: 89°/89°, up/down: 89°/89°  Colour support  Horizontal Sync  30 - 83kHz	Panel brightness	500 cd/m <sup>2</sup>
Response time (GTG)  8ms  Viewing zone horizontal/vertical: 178°/178°, right/left: 89°/89°, up/down: 89°/89°  Colour support Horizontal Sync  30 - 83kHz	Light transmittance	84%
Viewing zonehorizontal/vertical: 178°/178°, right/left: 89°/89°, up/down: 89°/89°Colour support16.7mln 8bitHorizontal Sync30 - 83kHz	Static contrast	1100:1
Colour support 16.7mln 8bit  Horizontal Sync 30 - 83kHz	Response time (GTG)	8ms
Horizontal Sync 30 - 83kHz	Viewing zone	horizontal/vertical: 178°/178°, right/left: 89°/89°, up/down: 89°/89°
	Colour support	16.7mln 8bit
Viewalla avec W v H 1070 v COC From 40.4 v 20.0"	Horizontal Sync	30 - 83kHz
Viewabie area w x n 1076 x 606.5min, 42.4 x 23.9	Viewable area W x H	1076 x 606.5mm, 42.4 x 23.9"
Bezel width (sides, top, bottom) 27mm, 27mm, 27mm	Bezel width (sides, top, bottom)	27mm, 27mm, 27mm
Pixel pitch 0.2796mm	Pixel pitch	0.2796mm
Bezel colour and finish black, matte	Bezel colour and finish	black, matte



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. 1920x1200 @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



# **FEATURES**

Extra	handles, touch through-glass, temperature sensor with fan control
Max. non-stop operating time	24/7
Anti image retention	yes
Glass thickness	3mm

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



### GENERAL

OSD languages Control buttons	EN, DE, FR, ES, IT, RU, NL, PL 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	400 x 200mm
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	135W typical, 1.5W stand by, 0.3W off mode



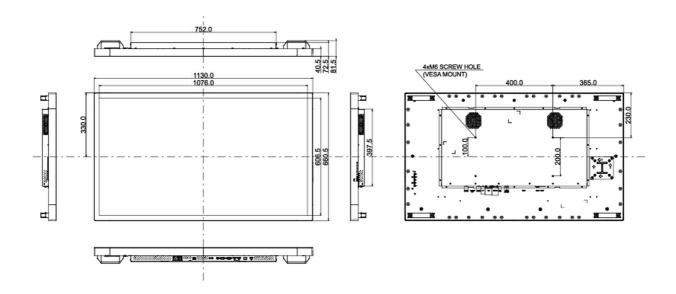
### SUSTAINABILITY

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



# DIMENSIONS / WEIGHT

Product dimensions W x H x D	1130 x 660.5 x 72.5mm
Box dimensions W x H x D	1280 x 835 x 245mm
Weight (without box)	31kg
Weight (with box)	36.7kg
FAN code	4948570118052



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