



32" 12pt Open Frame PCAP interactive large format display

The Full HD (1920x1080) Open Frame TF3238MSC is the ideal interactive display solution for education, kiosks, interactive Digital Signage and in-store communications. It can be installed in landscape, portrait and face-up orientation for maximum flexibility and accessibility. The Projective Capacitive (PCAP) touch technology with 12 touch points ensures a seamless and accurate touch response. With its AMVA3 LED panel, it offers exceptional colour performance, high contrast and wide viewing angles. Featuring a metal housing with a 60950-1 ball-drop proof, scratch-resistant, edge-to-edge glass, this display can be installed in the most demanding environments and build in different set-ups as a result of its Open Frame side 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.



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	Ultra thin bezel, Thin bezel
Diagonal	31.5", 80cm
Panel	AMVA3 LED, Anti-glare coated glass
Native resolution	1920 x 1080 (2.1 megapixel Full HD)
Aspect ratio	16:9
Panel brightness	501 cd/m ²
Brightness	420 cd/m ² with touch
Light transmittance	84%
Static contrast	3000:1
Response time (GTG)	8ms
Viewing zone	horizontal/vertical: horizontal°/vertical horizontal°, right/left: 0°/0°, up/down: 0°/0°
Colour support	16.7mln
Horizontal Sync	30 - 83kHz
Viewable area W x H	698.4 x 392.8mm, 27.5 x 15.5"
Pixel pitch	0.3637mm
Bezel colour and finish	white, glossy, matte

02 TOUCH

Touch technology	projective capacitive
Touch points	12 (HID, only with supported OS)
Touch method	stylus, finger, glove (latex)
Touch interface	USB, USB2.0 (USB-C input connector)
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
Digital signal input	DVI x1 HDMI x2 DisplayPort x1
Audio input	Mini jack x1
Monitor control input	RS-232c x1 (Get/Set Command) RJ45 (LAN) x1 IR x1
Audio output	Mini jack x1 Speakers 2 x 8W
HDCP	yes

04 FEATURES

Extra	touch through-glass
Kiosk mode	yes
Max. non-stop operating time	24/7
Glass thickness	3mm

Glass hardness	7H
60950 Ball drop test	yes
Water and dust protection	IPIPIPI54 (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/Volume-, Right/Volume+, Scroll Up, Scroll Down, Menu, Enter/Input Select
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 settings, network settings, advanced, information, reset all)
Plug&Play	DDC2B

06 MECHANICAL

Orientation	landscape, portrait, face-up
Fanless design	yes
VESA mounting	400 x 200mm
Operation temperature range	0°C - 40°C

07 ACCESSORIES INCLUDED

Cables	power, USB, HDMI, DP, IR-Extender
Guides	quick start guide, safety guide
Cable cover	yes
Remote control	yes (batteries included)

08 POWER MANAGEMENT

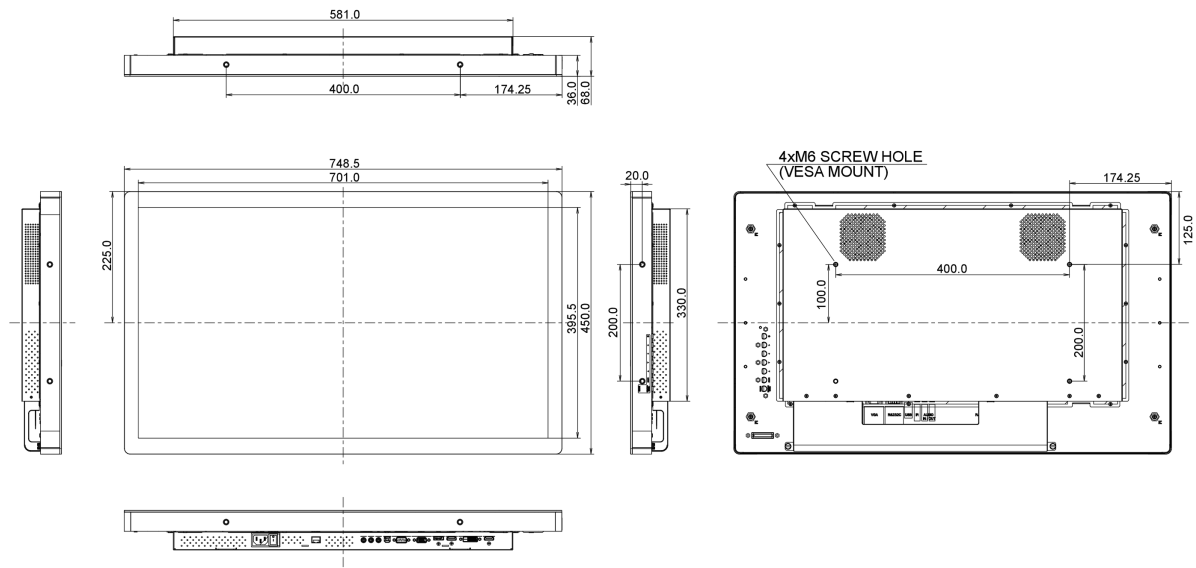
Power supply unit	internal
Power supply	AC AC - AC V, AC /V, 100Hz
Power usage	60W typical, 1.0W stand by, 1.0W off mode

09 SUSTAINABILITY

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

10 DIMENSIONS / WEIGHT

Product dimensions W x H x D	748.5 x 450 x 68mm
Box dimensions W x H x D	187 x 590 x 900mm
Weight (without box)	14.5kg
Weight (with box)	18kg
EAN code	4948570117604



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