

55" 12pt open frame touch monitor built into an eye catching bezel with edge-to-edge glass

With 1920x1080 Full HD resolution and Projective Capacitive 12 point touch technology, the ProLite TF5537MSC-B2AG delivers seamless and accurate touch response. Featuring an IPS Edge LED LCD screen technology, it offers exceptional colour performance and wide viewing angles, making it a perfect display for Interactive Digital Signage. In addition to the superb image quality, the screen comes with a rugged bezel and the panel withstands the 60950-1 ball drop test, making it suitable for demanding environments like table top integration. The open frame ProLite TF5537MSC-B2AG is the ideal solution for Interactive Digital Signage, Instore Retail, Kiosks and Interactive Presentations.

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	Open Frame
Diagonal	55", 138.8cm
Panel	IPS LED, AG coated glass
Native resolution	1920 x 1080 (2.1 megapixel Full HD)
Aspect ratio	16:9
Panel brightness	500 cd/m ²
Brightness	420 cd/m ² with touch
Light transmittance	84%
Static contrast	1100:1
Response time (GTG)	12ms
Viewing zone	horizontal/vertical: 178°/178°, right/left: 89°/89°, up/down: 89°/89°
Colour support	16.7mln
Horizontal Sync	31.47 - 67.5kHz
Viewable area W x H	1209.6 x 680.4mm, 47.6 x 26.8"
Pixel pitch	0.4833mm
Bezel colour and finish	black, matte

02 TOUCH

Touch technology	projective capacitive
Touch points	12 (HID, only with supported OS)
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.

03 INTERFACES / CONNECTORS / CONTROLS

Analog signal input	VGA x1
Digital signal input	DVI x1 HDMI x1
Audio input	Mini jack x1
Monitor control input	IR x1
Audio output	Speakers 2 x 7W

04 FEATURES

Max. non-stop operating time	24/7
Glass thickness	5mm
60950 Ball drop test	yes
Water and dust protection	IP1 (front)
Housing (bezel)	metal
OSD key lock	yes

05 GENERAL

OSD languages	EN, DE, FR, ES, IT, RU, NL, PL
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Control buttons	Power, Scroll up/ Volume+, Scroll down/ Volume-, Auto/Exit, Input Select/OK, Menu
User controls	brightness, contrast, colour settings, display adjust (aspect ratio, gamma, sharpness, H. position, V. position, clock, phase, auto adjust) other settings (language, OSD time out, volume, mute, fan, anti image retention, opening logo, factory reset) schedule settings (date and time, timer day set, on timer input select, reset) input source, information
Plug&Play	DDC2B

06 MECHANICAL

Orientation landscape, portrait, face-up

07 ACCESSORIES INCLUDED

Cables power, VGA, DVI, USB

Guides quick start guide, safety guide

Remote control yes (batteries included)

08 POWER MANAGEMENT

Power supply unit internal

Power supply AC 100 - 240V, 50/60Hz

Power usage 76W typical, 0.5W stand by, 0.5W off mode

09 SUSTAINABILITY

Regulations CE, TÜV-Bauart, RoHS support, ErP, WEEE, CU, REACH

REACH SVHC above 0.1%: Lead

10 DIMENSIONS / WEIGHT

Product dimensions W x H x D 1294.5 x 765.5 x 67.5mm

Weight (without box) 45.7kg