TOUCHSCREENS

INFORMATION



24” DeepContrast PCAP+ 10-point Open Frame touchscreen monitor with robust metal housing for demanding environments

The ProLite TF2438MSC-B2 is a robust and highly responsive 24" Full HD open frame touchscreen monitor designed for professional integration in demanding commercial and industrial environments. The IPS panel delivers sharp detail, accurate colours and wide viewing angles, ensuring excellent visibility whether installed at service counters, kiosks, control points or customer-facing systems.

Featuring DeepContrast PCAP+ 10-point touch technology with optical bonding, the screen provides smooth, precise interaction with reduced reflections for improved readability in bright environments. The edge-to-edge glass is protected with a scratch-resistant 7H surface and anti-fingerprint coating, helping maintain a clean, professional appearance even under heavy daily use. With IPX1 protection against humidity and dripping water, the display offers additional reliability in busy or semi-exposed locations.

Built with a durable metal housing, the TF2438MSC-B2 is engineered for long-term operation and seamless integration into enclosures, kiosks and custom installations. Flexible connectivity, integrated speakers and support for landscape, portrait and face-up orientations provide maximum installation freedom across a wide range of applications including retail, POS, interactive signage, automation systems and industrial environments. A dependable touchscreen solution designed to perform where reliability, durability and precision matter most.

FEATURES



Responsive interaction and good protection

Featuring intuitive PCAP touch technology with DeepContrast PCAP+, the screen offers smooth and responsive interaction with reduced glare, while remaining protected from moisture and condensation. Perfect for high-use environments.



Tough on scratches, clean to the touch

Built for everyday interaction, the 7H scratch resistant front glass stays tough and clear, while the anti fingerprint coating keeps it clean and professional. With front side protection against humidity and dripping water, it’s made to handle real world use with confidence.



Vivid colors and wide viewing angles

Ensure perfect visibility from any position - The IPS panel delivers vivid, consistent colors and wide viewing angles, ideal for dynamic retail environments and busy commercial spaces.



Built tough, lasts longer & performs anywhere

With a robust metal housing and hardened front glass, this monitor goes beyond the ordinary, outlasting standard plastic housing monitors and performing reliably in demanding environments.

SPECIFICATION

01 DISPLAY CHARACTERISTICS

Design	Edge to edge glass, Open Frame
Diagonal	23.8", 60.5cm
Panel	IPS
Native resolution	1920 x 1080 @120Hz (2.1 megapixel Full HD)
Aspect ratio	16:9
Panel brightness	600 cd/m²
Brightness	525 cd/m² with touch
Light transmittance	87%
Static contrast	1300:1 with touch
Response time (GTG)	5ms
Viewing zone	horizontal/vertical: 178°/178°, right/left: 89°/89°, up/down: 89°/89°
Colour support	16.7mln 8bit
Horizontal Sync	30 - 138kHz
Viewable area W x H	527 x 296.5mm, 20.7 x 11.7"
Bezel width (sides, top, bottom)	17.25mm, 20.3mm, 20.3mm
Pixel pitch	0.275mm
Bezel colour and finish	black, matte

02 TOUCH

Touch technology	DeepContrast-PCAP+
Touch points	10 (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

Digital signal input	HDMI x1 DisplayPort x1
Audio output	Mini jack x1 Speakers 2 x 2W
HDCP	yes
USB HUB	x2 (USB3.2 Gen 1 (5Gbps, 5V, 900mA))

04 FEATURES

Extra	DeepContrast PCAP+, metal housing, anti fingerprint coating, waterproof Touch function

Kiosk mode	yes
Glass thickness	3.6mm
Glass hardness	7H
60950 Ball drop test	yes
Water and dust protection	IP1X (front)
Housing (bezel)	metal
OSD key lock	yes

05 GENERAL

OSD languages	EN, DE, FR, ES, IT, PT, RU, JP, NL, PL
Control buttons	Menu, Scroll up/ Eco, Scroll down/ Volume, Enter/ Input select, Power
User controls	Picture adjust (brightness, contrast, i-Style color, adv. contrast, ECO mode, OD, X-Res), color settings (gamma, RGB range, color. temp.), image settings (video mode adjust, blue light reducer, sharp & soft), OSD (H. pos., V. pos., time, background, rotate, language, display information), extra (reset, DDC/CI, signal select, volume, mute, led, opening logo, touch switch)
Blue light reducer	yes
Flicker free	yes
Plug&Play	DDC2B

06 MECHANICAL

Orientation	landscape, portrait, face-up
Fanless design	yes
VESA mounting	100 x 100mm
Cable management system	yes
MTBF	50000 hours (excluding backlight)

07 ACCESSORIES INCLUDED

Cables	power (1.8m), USB (1.5m), HDMI (1.5m)
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	22W typical, 1.5W stand by, 0.3W off mode

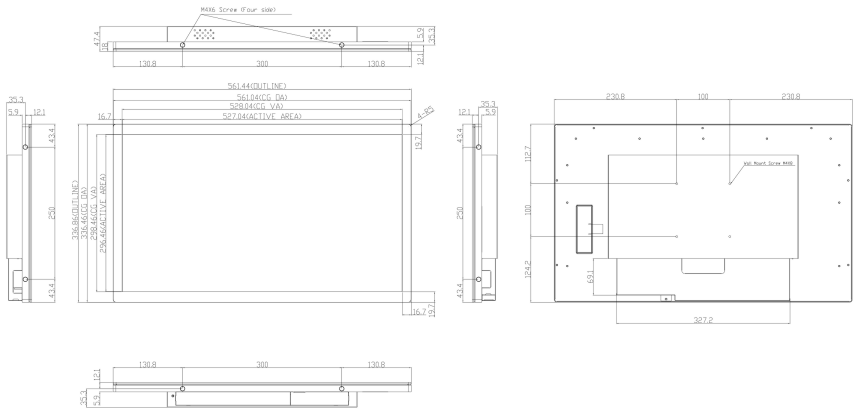
09 SUSTAINABILITY

Regulations	CE, TÜV-Bauart, EAC, RoHS support, ErP, WEEE, REACH, UKCA, cTUVus

Energy efficiency class (Regulation (EU) 2017/1369)	E
REACH SVHC	above 0.1%: Lead

10 DIMENSIONS / WEIGHT

Product dimensions W x H x D	562 x 337 x 47.5mm
Box dimensions W x H x D	635 x 409 x 115mm
Weight (without box)	6.5kg
Weight (with box)	8.2kg
EAN code	4948570127269



GALLERY


iiyama
ProLite
TF2438MSC
24"
60.5cm
TOUCH
PCAP
RESISTENT HOUSING
AG
COATING






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