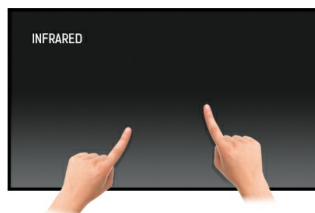




24" 10 point Touch monitor based on IR Touch technology

The ProLite T2453MIS-B1 is based on IR touch technology (10 touch points) with a pure-glass scratch resistive front, offering superior image clarity and screen durability. The screen can be touched with a soft stylus, finger or gloved hand making it suitable for several applications. The VA panel technology guarantees high performance with excellent colour reproduction and high contrast, making it an excellent choice for a vast array of demanding interactive applications. A solid and steady base supports the touchscreen with an adjustable stand. Multiple inputs (VGA, HDMI, DP) are available for flexible connectivity along with USB for the touch interface.



Touch technology - Infrared

The infrared technology uses infrared backlight. A touch event is registered with great accuracy when the infrared light is blocked by finger or stylus. This technology does not rely on an overlay or substrate, so it is impossible to physically "wear out" the touchscreen. Moreover the display characteristics remain virtually unaffected by the touch functionality.



OverDrive ON / OFF

When very fast graphics are displayed your monitor can sometimes get blurry. Turning on the OverDrive feature will eliminate that.

01 DISPLAY CHARACTERISTICS

Diagonal	23.6", 59.8cm
Panel	VA LED-backlit
Native resolution	1920 x 1080 (2.1 megapixel Full HD)
Aspect ratio	16:9
Panel brightness	250 cd/m ²
Brightness	225 cd/m ² with touch
Light transmittance	90%
Static contrast	3000:1
Advanced contrast	12M:1
Response time (GTG)	4ms
Viewing zone	horizontal/vertical: 178°/ 178°, right/left: 89°/89°, up/down: 89°/89°
Colour support	16.7mln
Horizontal Sync	30 - 80kHz
Viewable area W x H	521.3 x 293.2mm, 20.5 x 11.5"
Pixel pitch	0.272mm
Bezel colour and finish	black, matte

02 TOUCH

Touch technology	infrared
Touch points	10 (HID, only with supported OS)
Touch accuracy	+/- 2mm
Touch method	stylus, finger, glove
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	HDMI x1 DisplayPort x1
Audio output	Mini jack x1 Speakers 2 x 2W
HDCP	yes
USB HUB	x2 (v.3.2 (Gen 1, 5Gbit))

04 FEATURES

Glass thickness	1.85mm
Glass hardness	7H
OSD key lock	yes

05 GENERAL

OSD languages	EN, DE, FR, ES, IT, RU, JP, CZ, NL, PL
Control buttons	Power, Menu/ Enter, Scroll up/ Audio, Scroll down/ ECO, Input/ Exit

User controls

auto adjust, picture adjust (brightness, contrast, ECO, Blue Light Reducer, ACR, OD, gamma, X-res technology), geometry (H. position, V. position, pixel clock, phase), colour settings (colour temperature, user preset, hue, saturation, i-Style colour), OSD (OSD H. position, OSD V. position, OSD time, after AC cut), language, recall, miscellaneous (sharp and soft, video mode adjust, opening logo, DDC/CI, display information), input source, audio settings (volume, mute audio, audio input)

Convenience

Kensington-lock™ prepared

Blue light reducer

yes

Plug&Play

DDC/CI, DDC2B

06 MECHANICAL

Tilt angle

95° up; 25° down

VESA mounting

100 x 100mm

07 ACCESSORIES INCLUDED

Cables

power, USB, HDMI

Guides

quick start guide, safety guide

08 POWER MANAGEMENT

Power supply unit

internal

Power supply

AC 100 - 240V, 50/60Hz

Power usage

18W typical, 0.5W stand by, 0.3W off mode

09 SUSTAINABILITY

Regulations

CE, EAC, RoHS support, ErP, WEEE, VCCI, REACH, UKCA

Energy efficiency class (Regulation (EU) 2017/1369)

D

REACH SVHC

above 0.1%: Lead, Lead monoxide, Boric acid

10 DIMENSIONS / WEIGHT

Product dimensions W x H x D

571 x 391 x 220.5mm

Box dimensions W x H x D

645 x 190 x 490mm

Weight (without box)

6kg

EAN code

4948570118151