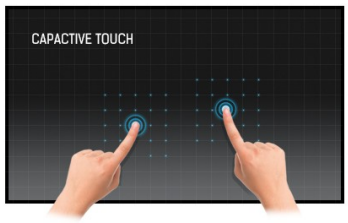
PROLITE TF2738MSC-B1

27" 10pt open frame touch monitor with edge-to-edge glass

With 1920x1080 Full HD resolution and Projective Capacitive 10 point touch technology, the ProLite TF2738MSC-B1 delivers seamless and accurate touch response. Featuring AMVA+ LED LCD Screen technology, it offers exceptional colour performance and wide viewing angles. Its rugged bezel with edge-to-edge glass makes it very suitable for applications like table top integration. In addition, the screen comes with an IPX1 rating, making it water resistant from the front. Equipped with speakers and triple digital input (DVI, HDMI and DisplayPort). The ProLite TF2738MSC-B1 is an ideal screen for kiosk integrators and a perfect solution for Interactive Digital Signage, Instore Retail, Gaming and Interactive Presentations.

AMVA+

AMVA+ Panel technology offers 24 bit 'True Colour' performance and amazing viewing angles.



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.

1. DISPLAY CHARACTERISTICS

DIAGONAL	27"; 68.6cm
ASPECT RATIO	16 : 9
PANEL	AMVA+ LED
NATIVE RESOLUTION	Full HD 1080p, 1920 x 1080 (2.1 megapixel)
BRIGHTNESS	300 cd/m² typical
BRIGHTNESS	255 cd/m² with touch panel
CONTRAST	3000 : 1 typical
CONTRAST	12000000 : 1 ACR
RESPONSE TIME	5 ms
VIEWING ZONE	horizontal/vertical: 178° / 178° ; right/left: 89° / 89° ; up/down: 89° / 89°
DISPLAY COLOUR	16.7 million
BLUE LIGHT REDUCER	yes
TOUCHTECHNOLOGY	projective capacitive, multi touch (10 compatible touch points - HID, only with supported OS), activated by finger or stylus
TOUCH POINTS	10
GLASS THICKNESS	3.6 mm
GLASS HARDNESS	6H minimum
LIGHT TRANSMITTANCE	85%
DISPLAY AREA H X W	336.2 x 597.6 mm; 13.2" x 23.5"
PIXEL PITCH H X V	0.311 x 0.311 mm
HORIZONTAL SYNC	30 - 80 KHz
VERTICAL SYNC	55 - 75 Hz
SYNCHRONIZATION	Separate Sync
MAX. NON-STOP OPERATING TIME	20 hours/day

2. INTERFACES & CONNECTORS

DIGITAL INPUT CONNECTOR	DVI, HDMI, DP
HDCP	yes;
HEADPHONE CONNECTOR	Yes
CONTROLS	USB (touch)

3. FEATURES

PLUG & PLAY	VESA DDC2B™
CONTROLS	On-Screen-Display in 8 languages (EN, FR, DE, NL, PL, RU, JP, Chinese) and 5 controls (Menu, Scroll up/ Audio, Scroll down/ i-Style colour, Select/ Input select, Power)
USER CONTROLS	picture adjust (contrast, brightness, adv. contrast, ECO mode, OD) input select, audio adjust (volume, mute, audio input) colour adjust (cool, normal, warm, user colour, i-Style colour) information, manual image adjust (scharpness, video mode adjust, blue light reducer, X-res technoloy) setup menu (language select, OSD position, OSD time out, OSD background, opening logo, LED) memory recall

SPEAKERS	2 x 3 W (Stereo)
REGULATIONS	CE, TÜV-Bauart, CU, cULus
VESA MOUNTING	200 x 100 mm
COLOUR	Black
ORIENTATION	landscape / portrait / face-up
FANLESS DESIGN	yes
BALL DROP TEST PROOF	yes
WATER AND DUST PROTECTION	IPX1

4. ACCESSORIES

DRIVER	multi-touch: Windows® 7/8/10, Mac OS/OSX, Linux, Android
INCLUDED ACCESSORIES	power cable, HDMI cable, DP cable, mDP-DP cable, USB cable, cable cover, quick start guide, safety guide

5. POWER MANAGEMENT

POWER SUPPLY	AC 100 - 240 V, 50 / 60 Hz
POWER SUPPLY UNIT	internal
POWER USAGE	30 W typical; max. 0.5 W in Power management mode
POWER MANAGEMENT	VESA DPMS, ENERGY STAR®

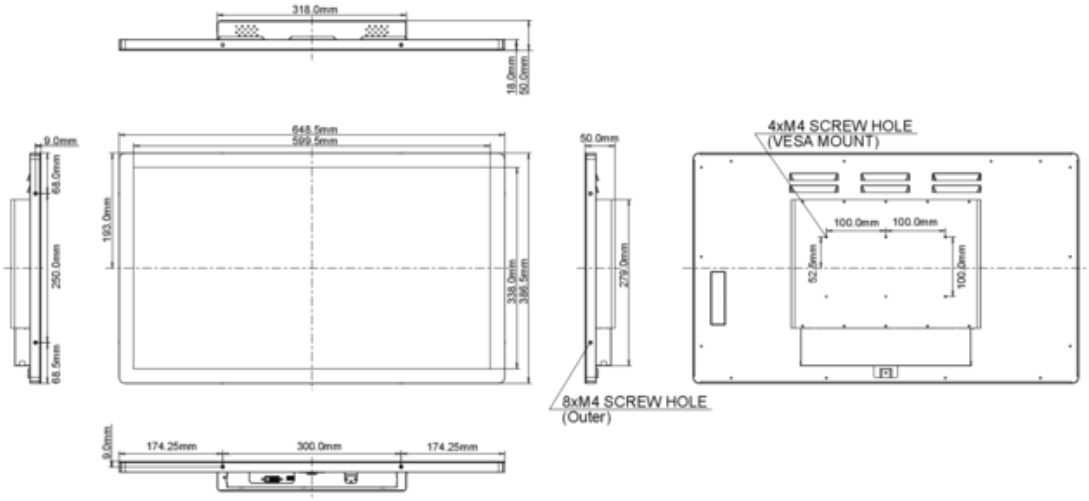
6. EU ENERGY EFFICIENCY LABEL

ENERGY EFFICIENCY CLASS	A
ANNUAL ENERGY CONSUMPTION	44 kWh/annum*

This is information under Regulation (EU) No 1062/2010.
**Based on the power consumption of the television operating 4 hours per day for 365 days. The actual energy consumption will depend on how the television is used.*

7. DIMENSIONS & WEIGHT

DIMENSIONS W X H X D	648.5 x 386.5 x 50 mm
WEIGHT	7.7 kg



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