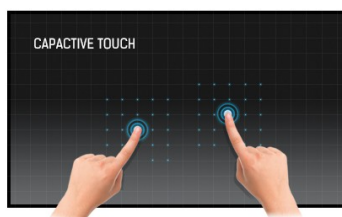55" 12pt open frame touch monitor built into an eye catching bezel with edge-to-edge glass

With 1920x1080 Full HD resolution and Projective Capacitive 12 point touch technology, the ProLite TF5537MSC-B1AG delivers seamless and accurate touch response. Featuring an AMVA3 Edge LED LCD screen technology, it offers exceptional colour performance and wide viewing angles, making it a perfect interactive display for Interactive Digital Signage. In addition to the superb image quality, the screen comes with a rugged bezel and the panel withstands 60950-1 drop ball test, making it suitable for demanding environments. The open frame ProLite TF5537MSC-B1AG is the ideal solution for Interactive Digital Signage, Instore Retail, Kiosks, Gaming 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 (gloved or not) and magnetic ball.

AMVA3

AMVA3 technology offers higher contrast, darker blacks and much better viewing angles than standard TN technology. The screen will look good no matter what angle you look at it.

1. DISPLAY CHARACTERISTICS

DIAGONAL	55"; 138.8cm
TOUCHTECHNOLOGY	projective capacitive, multitouch (12 compatible touch points - HID, only with supported OS), activated by finger
PANEL	AMVA3 LED-Backlit, AG80 Coated Glass
DISPLAY AREA H X W	680.4 x 1209.6 mm; 26.8" x 47.6"
RESPONSE TIME	6.5 ms
CONTRAST	4 000 : 1 typical
BRIGHTNESS	500 cd/m² typical
VIEWING ZONE	horizontal/vertical: 178°/ 178°; right/left: 89°/ 89°; up/down: 89°/ 89°
DISPLAY COLOUR	16.7 million
PIXEL PITCH H X V	0.4833 x 0.4833 mm
NATIVE RESOLUTION	Full HD 1080p, 1920 x 1080 (2.1 megapixel)
HORIZONTAL SYNC	31,47 - 67.5 KHz
VERTICAL SYNC	47 - 63 Hz
SYNCHRONIZATION	Separate Sync
ASPECT RATIO	16 : 9
LIGHT TRANSMITTANCE	84%
MAX. NON-STOP OPERATING TIME	20 hours/day

2. INTERFACES & CONNECTORS

ANALOG INPUT CONNECTOR	VGA
DIGITAL INPUT CONNECTOR	DVI-D, HDMI
OUTPUT CONNECTOR	RS 232C
INPUTS	USB (for touch connectivity)

3. SPECIAL FEATURES

PLUG & PLAY	VESA DDC2B™
CONTROLS	On-Screen-Display in 7 languages (EN, FR, ES, DE, NL, PL, RUS, IT) and 6 front controls (Power, Scroll up/ Volume+, Scroll down/ Volume-, Auto/Exit, Input Select/OK, Menu)
USER CONTROLS	contrast, brightness, 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) input source, information
SPEAKERS	2 x 7 W (Stereo)
SAFETY	CE, TÜV-Bauart, CU, IPX1 (front)
VESA MOUNTING	600 x 400 mm
COLOUR	Black
ORIENTATION	landscape/portrait/face-up

4. ACCESSORIES

DRIVER	multi-touch: Windows® XP, Vista, 7/8, Mac OS X V10.4, Linux (2.6x) (for more details see manual p.16)
INCLUDED ACCESSORIES	power cable, VGA signal cable, DVI-D signal cable, USB cable, remote control, clamper, quick start guide, safety guide
OPTIONAL ACCESSORIES	remote OSD key

5. POWER MANAGEMENT

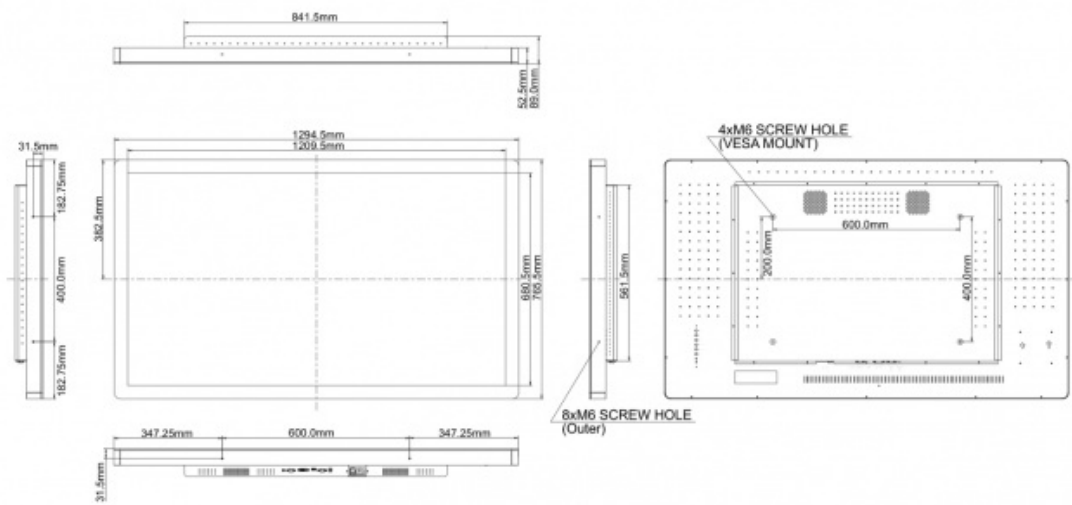|	
POWER SUPPLY	AC 100 - 240 V, 50 / 60 Hz
POWER SUPPLY UNIT	internal
POWER USAGE	110 W typical; max. 0.5 W in Power management mode
POWER MANAGEMENT	VESA DPMS

6. EU ENERGY EFFICIENCY LABEL

ENERGY EFFICIENCY CLASS	B
ON MODE POWER CONSUMPTION	115W
ANNUAL ENERGY CONSUMPTION	168 kW/annum*
VISIBLE SCREEN DIAGONAL	139 cm; 55"; (55" segment)

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	1294.5 x 765.5 x 89 mm
WEIGHT	47 kg