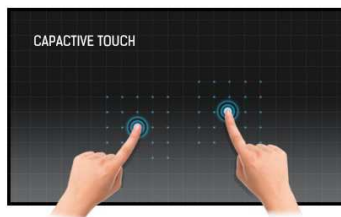




22" 10 point touch monitor with edge-to-edge glass and Anti Glare coating

With its Full HD (1920x1080) resolution and accurate Projective Capacitive 10 point touch technology, the ProLite T2236MSC delivers seamless and accurate touch response. The AMVA 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. The Anti Glare coating helps to avoid issues with reflections and external light sources affecting colour reproduction, contrast and sharpness. Its flexible stand can be positioned at several angles creating a comfortable and ergonomic user experience.



### 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.



### AMVA

AMVA 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 21.5"; 55cm

ASPECT RATIO 16 : 9

PANEL	AMVA LED, AG coated glass
NATIVE RESOLUTION	Full HD 1080p, 1920 x 1080 ( 2.1 megapixel)
BRIGHTNESS	250 cd/m <sup>2</sup> typical
BRIGHTNESS	215 cd/m <sup>2</sup> with touch panel
CONTRAST	12 000 000 : 1 ACR
CONTRAST	3 000 : 1 with touch panel
RESPONSE TIME	8ms
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
TOUCH POINTS	10
GLASS HARDNESS	7H minimum
LIGHT TRANSMITTANCE	85%
DISPLAY AREA H X W	268.1 x 476.6 mm; 10.6" x 18.8 "
PIXEL PITCH H X V	0.248 x 0.248 mm
HORIZONTAL SYNC	30 - 80kHz
VERTICAL SYNC	56 - 75Hz
SYNCHRONIZATION	Separate Sync
ANTI-GLARE COATING	yes

## 2. INTERFACES & CONNECTORS

ANALOG INPUT CONNECTOR	VGA
DIGITAL INPUT CONNECTOR	DVI, HDMI
USB HUB	UP 1 x USB 3.0 / DOWN 4 x USB 3.0
CONTROLS	USB (touch), USB 3.0

## 3. FEATURES

PLUG & PLAY	VESA DDC2B™
CONTROLS	On-Screen-Display in 9 languages (EN, FR, DE, ES, IT, PT, RU, JP, Chinese simplified) and 5 front controls (Scroll up / Audio Adjust / Blue light reducer, Scroll down / ECO, Auto, Menu, Power)
USER CONTROLS	luminance (contrast, brightness, ECO, i-Style colour, ACR), image setup (clock, phase, H.position, V.position, aspect), colour temp. (gamma, colour temp.) OSD setup (H.position, V. position, timeout, language), extra (reset, signal select, HDMI audio, OD, information), volume, auto adjust
SPEAKERS	2 x 2 W (Stereo)
ANTI-THEFT-DEVICE	Kensington-lock™ prepared
REGULATIONS	CE, TÜV-Bauart, CU

TILT ANGLE	90° up; 5° down
VESA MOUNTING	100 x 100 mm
COLOUR	Black

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## 4. ACCESSORIES

DRIVER	multi-touch: Windows 7/8/10 (HID compliant)
INCLUDED ACCESSORIES	power cable, VGA signal cable, DVI signal cable, audio cable, USB cable, stand-base, screws, quick start guide, safety guide

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## 5. POWER MANAGEMENT

POWER SUPPLY	AC 100 - 240 V, 50 / 60 Hz
POWER SUPPLY UNIT	internal
POWER USAGE	23 W typical; max. 0.5 W in Power management mode
POWER MANAGEMENT	VESA DPMS

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## 6. EU ENERGY EFFICIENCY LABEL

ENERGY EFFICIENCY CLASS	B
ON MODE POWER CONSUMPTION	23.7W
ANNUAL ENERGY CONSUMPTION	35 kWh/annum*
VISIBLE SCREEN DIAGONAL	55 cm; 21.5"; ( 22" segment )

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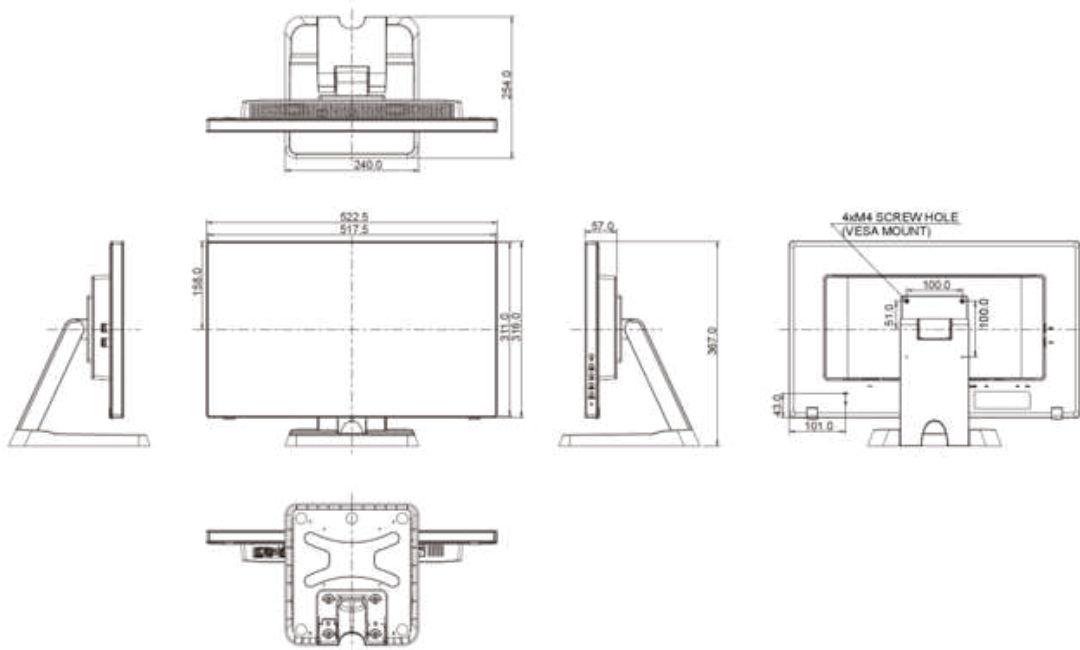
*This is information under Regulation (EU) No 1062/2010.*

*\*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	522.5 x 367 x 254 mm
WEIGHT	5.8 kg

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## ProLite T2234MC

ProLite T2234MC uses Projective Capacitive Touch Technology, built into an eye catching bezel with Edge to Edge glass. Featuring IPS 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 an IP54 Rating, making it dust and water resistant. And, comes with a rugged bezel making it suitable for demanding environments. The screen also features a vast array of inputs including DVI as well as USB for the Touch sensor itself, and a High Definition 1920 x 1080 Resolution. The ProLite T2234MC is the ideal solution for Interactive Digital Signage, Instore Retail, Kiosks, Gaming and Interactive Presentations.

### DISPLAY CHARACTERISTICS

Diagonal	21.5"
Touchtechnology	projective capacitive, multitouch (2 compatible touch points - supported only under Windows® 7/ 8), activated by finger
Panel	IPS LED-backlit
Glass hardness	7H minimum
Display area h x w	268.1 x 476.6 mm; 10.6" x 18.8"
Response time	8 ms
Static contrast	1 000 : 1 with touch panel
Brightness	225 cd/m <sup>2</sup> with touch panel
Viewing zone	horizontal/vertical: 178° / 178°; right/left: 89° / 89°; up/down: 89° / 89°
Display colour	16.7 million
Pixel pitch h x v	0.247 x 0.247 mm
Native resolution	Full HD 1080p, 1920 x 1080 ( 2.1 megapixel)
Horizontal sync	31.5 - 82.3 KHz
Vertical sync	56 - 75 Hz
Synchronization	Separate Sync
Aspect ratio	16 : 9
Light transmittance	90%

### POWER MANAGEMENT

Power supply	DC 12V
Power Supply Unit	external
Power usage	40 W typical; max. 3 W in Power management mode

### DIMENSIONS / WEIGHT

Dimensions w x h x d	517.5 x 351.7 x 219 mm
Weight	7.2 kg

### INTERFACES / CONNECTORS / CONTROLLERS

Analog input connector	VGA (D-Sub)
Digital input connector	DVI-D
Inputs	USB (for touch connectivity) D-Sub, DVI-D

<b>SPECIAL FEATURES</b>	
<b>Controls</b>	On-Screen-Display in 8 languages (DE, EN, ES, FR, IT, JP, Chinese - traditional and simplified) and 5 front controls (Menu, Scroll up/ Brightness, Scroll down/ Contrast, Select/ Auto, Power)
<b>User controls</b>	contrast, brightness, auto adjust, H.position, V.position, H.size, phase, OSD H.position, OSD V.position, OSD timeout, reset, input select, OSD language, colour temperature
<b>Anti-theft-device</b>	Kensington-lock™ prepared
<b>Safety</b>	CE, TÜV-Bauart, VCCI, IP54
<b>Tilt angle</b>	90° up; 5° down
<b>VESA mounting</b>	100 x 100 mm
<b>Colour</b>	Black

### ACCESSORIES

<b>Driver</b>	multi-touch: Windows 7/8 (HID compliant), single-touch: Vista, XP, 9X, 2000, CE, NT4, Linux, Mac (OSX)
<b>Included accessories</b>	AC adapter, power cable, D-Sub signal cable, DVI-D signal cable, USB cable, Touch Panel Driver Disk (CD-ROM), quick start guide, safety guide
<b>Optional accessories</b>	remote control OSD key



## ProLite T2236MSC

### 22" 10 point touch monitor with edge-to-edge glass and AMVA panel

With its Full HD (1920x1080) resolution and accurate Projective Capacitive 10 point touch technology, the ProLite T2236MSC delivers seamless and accurate touch response. The AMVA 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. The flexible stand can be positioned at several angles, or laid flat on a surface, creating a comfortable and ergonomic user experience. The ProLite T2236MSC is the ideal screen for a great Windows8 touch-experience.

#### DISPLAY CHARACTERISTICS

Diagonal	21.5"
Touchtechnology	projective capacitive, multitouch (10 compatible touch points - HID, only with supported OS), activated by finger
Panel	AMVA LED
Display area h x w	476.6 x 268.1 mm; 18.8" x 10.6"
Response time	12 ms
Static contrast	3 000 : 1 with touch panel
Brightness	225 cd/m <sup>2</sup> with touch panel
Viewing zone	horizontal/vertical: 178° / 178°; right/left: 89° / 89°; up/down: 89° / 89°
Display colour	16.7 million
Pixel pitch h x v	0.248 x 0.248 mm
Native resolution	Full HD 1080p, 1920 x 1080 ( 2.1 megapixel)
Horizontal sync	30 - 80 KHz
Vertical sync	56 - 75 Hz
Synchronization	Separate Sync
Aspect ratio	16 : 9
Light transmittance	90%

#### POWER MANAGEMENT

Power supply	AC 100 - 240 V, 50 / 60 Hz
Power Supply Unit	internal
Power usage	23 W typical; max. 0.5 W in Power management mode
Power management	VESA DPMS

#### DIMENSIONS / WEIGHT

Dimensions w x h x d	522.5 x 128 (385) x 238.5 mm
Weight	6.6 kg

#### INTERFACES / CONNECTORS / CONTROLLERS

Analog input connector	VGA (D-Sub)
Digital input connector	DVI-D, HDMI
Headphone connector	Yes
Inputs	USB (for touch connectivity), USB 3.0 D-Sub, DVI-D, HDMI, USB HUB
USB hub	UP 1 x USB 3.0 / DOWN 4 x USB 3.0

#### SPECIAL FEATURES

Plug & Play	VESA DDC2B™
Controls	On-Screen-Display in 9 languages (EN, FR, DE, ES, IT, PT, RU, JP, Chinese simplified) and 5 front controls (Scroll up / Audio Adjust, Scroll down / ECO, Auto, Menu, Power)
User controls	luminance (contrast, brightness, ECO, i-Style colour, ACR), image setup (clock, phase, H.position, V.position, aspect), colour temp., OSD setup (H.position, V. position, timeout, language), extra (reset, signal select, HDMI audio, OD, information), volume, auto adjust
Speakers	2 x 2 W (Stereo)
Anti-theft-device	Kensington-lock™ prepared
Safety	CE, TÜV-Bauart, CU
Height adjustable stand	Yes
Height adjustment	257 mm
Tilt angle	90° up; 5° down
VESA mounting	100 x 100 mm
Colour	Black

#### ACCESSORIES

Driver	multi-touch: Windows7/8 (HID compliant)
Included accessories	power cable, VGA (D-Sub) signal cable, DVI-D signal cable, audio cable, USB cable, quick start guide, safety guide



## ProLite T2252MTS-3

The ProLite T2252MTS is a 22" two-point multi-touch monitor based on the latest Optical Touch Screen Technology with a 1920 x 1080 High Definition LCD Screen.

It has outstanding features i.e. 1000:1 contrast ratio, 260 cd/m<sup>2</sup> brightness and 2 msec response time. Moreover, the T2252MTS is Windows® 7 Compatible and ready for the emerging business and consumer software packages. The multi touch function is supported only under Windows® 7. The monitor lets you browse the web, email and draw while working on multiple screens, docking or typing on the on-screen keyboard. You can scroll and rotate pictures, draw, zoom in and out using certain tap, flick, grab and pincer gestures. The multi-touch is not only fast but also fun to work with. HDMI, DVI and Analogue inputs are available for flexible connectivity, along with USB for the Touch Interface.

### DISPLAY CHARACTERISTICS

Diagonal	21.5"
Touchtechnology	optical, multitouch (2 compatible touch points - HID, supported only under Windows® 7), activated by finger or stylus
Panel	TN LED-backlit
Display area h x w	268.11 x 476.64 mm; 10.6" x 18.8"
Response time	2 ms
Static contrast	1000 : 1 typical
Advanced contrast	5 000 000 : 1 ACR
Brightness	220 cd/m <sup>2</sup> typical
Viewing zone	horizontal/vertical: 170° / 160°; right/left: 85° / 85°; up/down: 80° / 80°
Display colour	16.7 million
Pixel pitch h x v	0.248 x 0.248 mm
Native resolution	Full HD 1080p, 1920 x 1080 (2.1 megapixel)
Horizontal sync	24 - 80 KHz
Vertical sync	55 - 75 Hz
Synchronization	Separate Sync
Aspect ratio	16 : 9
Light transmittance	88%

### POWER MANAGEMENT

Power supply	AC 100 - 240 V, 50 / 60 Hz
Power Supply Unit	internal
Power usage	19 W typical; max. 0.5 W in Power management mode
Power management	VESA DPMS, ENERGY STAR®

### DIMENSIONS / WEIGHT

Dimensions w x h x d	516.5 x 377.5 x 240 mm
Weight	5.1 kg

### INTERFACES / CONNECTORS / CONTROLLERS

Analog input connector	VGA (D-Sub)
Digital input connector	DVI-D, HDMI
HDCP	yes
Headphone connector	Yes
Output connector	headphone connector
Inputs	USB (for touch connectivity) D-Sub, DVI-D, HDMI

### SPECIAL FEATURES

Plug & Play	VESA DDC2B™
Controls	On-Screen-Display in 9 languages (EN, FR, DE, NL, PL, RU, JP, Chinese (simplified and traditional)) and 5 front controls (Power, Select/ Input Select, Scroll up/ Audio, Scroll down/ i-Style Colour, Menu)
Speakers	2 x 1 W (Stereo)
Anti-theft-device	Kensington-lock™ prepared
Safety	CE, TÜV-Bauart, GOST-R
Tilt angle	22° up; 9° down
VESA mounting	100 x 100 mm
Colour	Black

### ACCESSORIES

Driver	single-touch: XP, Vista, multi-touch: Windows®7 (HID)
Included accessories	power cable, VGA (D-Sub) cable, DVI-D cable, audio cable, USB cable, stand, touch pen, quick start guide, safety guide

**ProLite T2253MTS**

**22" five-point multi-touch monitor**

The ProLite T2253MTS is based on the latest optical touch sensor technology and fully Windows 8 compatible. It lets you browse the web, email and draw while working on multiple screens, docking or typing on the on-screen keyboard. You can scroll and rotate pictures, draw, zoom in and out using certain tap, flick, grab and pincer gestures. HDMI, DVI and Analogue inputs are available for flexible connectivity. Ready for the emerging business and consumer software packages.

**DISPLAY CHARACTERISTICS**

<b>Diagonal</b>	21.5"
<b>Touchtechnology</b>	optical, multitouch (5 compatible touch points - HID, supported only under Windows® 7/8), activated by finger or stylus
<b>Panel</b>	TN LED-backlit
<b>Display area h x w</b>	268.11 x 476.64 mm; 10.6" x 18.8"
<b>Response time</b>	2 ms
<b>Static contrast</b>	1000 : 1 typical
<b>Advanced contrast</b>	5 000 000 : 1 ACR
<b>Brightness</b>	220 cd/m <sup>2</sup> typical
<b>Viewing zone</b>	horizontal/vertical: 170° / 160°; right/left: 85° / 85°; up/down: 80° / 80°
<b>Display colour</b>	16.7 million
<b>Pixel pitch h x v</b>	0.248 x 0.248 mm
<b>Native resolution</b>	Full HD 1080p, 1920 x 1080 (2.1 megapixel)
<b>Horizontal sync</b>	24 - 80 KHz
<b>Vertical sync</b>	55 - 75 Hz
<b>Synchronization</b>	Separate Sync
<b>Aspect ratio</b>	16 : 9
<b>Light transmittance</b>	88%

**POWER MANAGEMENT**

<b>Power supply</b>	AC 100 - 240 V, 50 / 60 Hz
<b>Power Supply Unit</b>	internal
<b>Power usage</b>	19 W typical; max. 0.5 W in Power management mode
<b>Power management</b>	VESA DPMS, ENERGY STAR®

**DIMENSIONS / WEIGHT**

<b>Dimensions w x h x d</b>	556 x 399 x 240 mm
<b>Weight</b>	5.9 kg

**INTERFACES / CONNECTORS / CONTROLLERS**

<b>Analog input connector</b>	VGA (D-Sub)
<b>Digital input connector</b>	DVI-D, HDMI
<b>HDCP</b>	yes
<b>Headphone connector</b>	Yes
<b>Output connector</b>	headphone connector
<b>Inputs</b>	USB (for touch connectivity) D-Sub, DVI-D, HDMI

**SPECIAL FEATURES**

<b>Plug &amp; Play</b>	VESA DDC2B™
<b>Controls</b>	On-Screen-Display in 8 languages (EN, FR, DE, NL, PL, RU, JP, Chinese) and 5 front controls (Power, Select/ Input Select, Scroll up/ Volume, Scroll down/ i-Style Colour, Menu)
<b>User controls</b>	auto image adjust, picture adjust (contrast, brightness, ACR, ECO, OD), input select, audio adjust (volume, mute, HDMI audio), colour adjust, information, manual image adjust (V/V position, clock, phase, sharpness, video mode adjust, setup menu (language, OSD position, OSD time out, OSD background, opening logo, LED), memory recall
<b>Speakers</b>	2 x 1 W (Stereo)
<b>Anti-theft-device</b>	Kensington-lock™ prepared
<b>Safety</b>	CE, TÜV/Bauart, GOST-R, VCCI-B, PSE
<b>Tilt angle</b>	22° up; 9° down
<b>VESA mounting</b>	100 x 100 mm
<b>Colour</b>	Black

**ACCESSORIES**

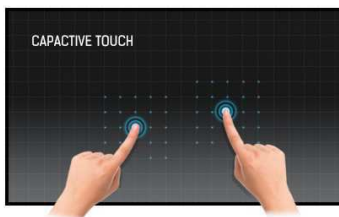
<b>Driver</b>	single-touch: Vista, multi-touch: Windows®7/8 (HID)
<b>Included accessories</b>	power cable, VGA (D-Sub) cable, DVI-D cable, audio cable, USB cable, quick start guide, safety guide





22" PCAP 10pt touch screen featuring IPS technology

ProLite T2234MSC uses Projective Capacitive Touch Technology, built into an eye catching bezel with Edge to Edge glass. Featuring IPS 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 Full HD image quality, the screen is suitable for demanding environments. It comes with a rugged bezel and an IP65 rating, which means it is dust and water resistant. The ProLite T2234MSC is the ideal solution for Interactive Digital Signage, Instore Retail, POS, Kiosks and Gaming.



### TOUCH TECHNOLOGY - CAPACTIVE

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 magnetic ball.



### IPS

IPS 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	21.5"; 55cm
ASPECT RATIO	16 : 9

PANEL	IPS LED
NATIVE RESOLUTION	Full HD 1080p, 1920 x 1080 ( 2.1 megapixel)
BRIGHTNESS	250 cd/m <sup>2</sup> typical
BRIGHTNESS	220 cd/m <sup>2</sup> with touch panel
CONTRAST	1 000 : 1 with touch panel
RESPONSE TIME	8 ms
VIEWING ZONE	horizontal/vertical: 178° / 178° ; right/left: 89° / 89° ; up/down: 89° / 89°
DISPLAY COLOUR	16.7 million
TOUCHTECHNOLOGY	projective capacitive, multi touch (10 compatible touch points - supported only under Windows® 7/8/10), activated by finger
TOUCH POINTS	10
GLASS THICKNESS	1.5 mm
GLASS HARDNESS	6H minimum
LIGHT TRANSMITTANCE	87%
DISPLAY AREA H X W	268.1 x 476.6 mm; 10.6" x 18.8"
PIXEL PITCH H X V	0.247 x 0.247 mm
HORIZONTAL SYNC	31.5 - 82.3 KHz
VERTICAL SYNC	56 - 75 Hz
SYNCHRONIZATION	Separate Sync

## 2. INTERFACES & CONNECTORS

ANALOG INPUT CONNECTOR	VGA
DIGITAL INPUT CONNECTOR	DVI
HDCP	yes;
HEADPHONE CONNECTOR	Yes
CONTROLS	USB (touch)

## 3. FEATURES

PLUG & PLAY	VESA DDC2B™
CONTROLS	On-Screen-Display in 7 languages (DE, EN, ES, FR, IT, JP, Chinese - traditional and simplified) and 5 front controls (Menu, Scroll up/ Brightness, Scroll down/ Mute, Select/ Auto, Power)
USER CONTROLS	contrast, brightness, auto adjust, H.position, V.position, H.size, fine, OSD H.position, OSD V.position, OSD timeout, reset, input select, OSD language, colour temperature, volume, mute
SPEAKERS	2 x 3 W (Stereo)
REGULATIONS	CE, TÜV-Bauart, cULus, VCCI, CU
TILT ANGLE	90° up; 5° down
VESA MOUNTING	100 x 100 mm

COLOUR	Black
WATER AND DUST PROTECTION	IP65

## 4. ACCESSORIES

DRIVER	multi-touch: Windows 7/8/10 (HID compliant), Linux, single-touch: Vista, XP, 9X, CE, Mac (OSX)
INCLUDED ACCESSORIES	power cable, AC adapter, VGA signal cable, DVI signal cable, USB cable, audio cable, Touch Panel Driver Disk (CD-ROM), quick start guide, safety guide
OPTIONAL ACCESSORIES	remote control OSD key

## 5. POWER MANAGEMENT

POWER SUPPLY	DC 12V
POWER SUPPLY UNIT	external
POWER USAGE	27 W typical; max. 2 W in Power management mode
POWER MANAGEMENT	VESA DPMS

## 6. EU ENERGY EFFICIENCY LABEL

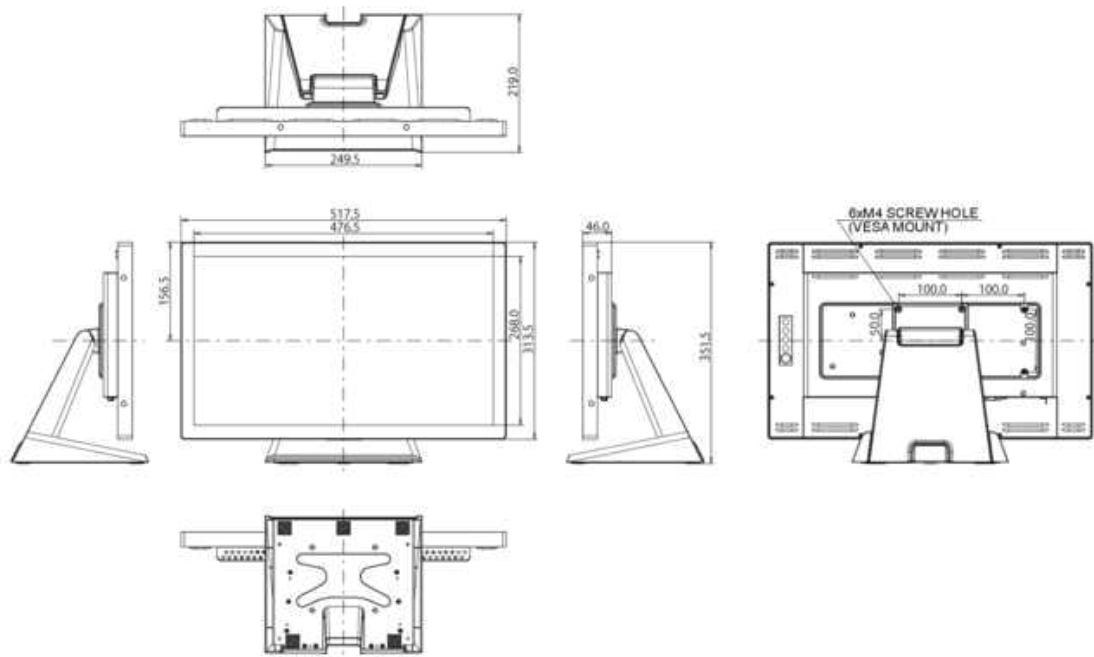
VISIBLE SCREEN DIAGONAL	55 cm; 21.5"; (" segment )
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*This is information under Regulation (EU) No 1062/2010.*

*\*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	517.5 x 351.5 x 219 mm
WEIGHT	7.2 kg



All trademarks and registered trademarks acknowledged. E & O E. Specification subject to change without notice. All LCD's comply with ISO-9241-307:2008 in connection with pixel defects.

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