iiyama

DISPLAY CHARACTERISTICS

Technical specification



ProLite T1531SAW

The ProLite T1531SAW-1 uses highly accurate Surface Acoustic Wave Touch Technology (SAW) 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 a number of applications, and the robust design and solid but flexible stand ensures resilience in the most demanding environment. Menu Buttons are located on the side of the screen which can be locked to prevent tampering, and include a handy function to deactivate the Touch Screen for cleaning . The iiyama Prolite T1531SAW-1 Touch Screen is ideal for a wide range of applications including Point of Sale, Kiosks, Hospitality and Entertainment, Control rooms, Education, Training and many others.

INTERFACES / CONNECTORS / CONTROLLERS

Diagonal	15"	Analog input connector	D-Sub
Touchtechnology	surface acoustic wave	Digital input connector	DVI-D
Panel	TN	Inputs	USB, RS-232C
Glass hardness	8H minimum	P	
Display area h x w	228 x 304 mm; 9" x 12"		
Response time	8 ms		
Static contrast	500 : 1 with touch panel	SPECIAL FEATURES	
Brightness	300 cd/m² max.		
Brightness	230 cd/m ² with touch panel	Apple - Mac	OS9, OSX
Viewing zone	horizontal/vertical: 140°/ 125°; right/left: 70°/ 70°; up/down: 60°/ 65°	Plug & Play Controls	VESA DDC 2B™ On-Screen-Display in 8 languages (DE, EN
Display colour	16.7 million		ES, FR, IT, JP, Chinese - traditional and
Pixel pitch h x v	0.297 x 0.297 mm		simplified) and 5 front controls (Menu, Scrol up/ Brightness, Scroll down/ Mute, Select/
Native resolution	1024 x 768 (0.8 megapixel)		Auto, Power)
Horizontal sync	31.5 - 60.2 KHz	User controls	contrast, brightness, auto adjust, H.position
Vertical sync	56 - 75 Hz		V.position, H.size, phase, OSD H.position,
Synchronization	Separate Sync		OSD V.position, OSD timeout, reset, input
Aspect ratio	4:3	select, OSD language, colou	
Light transmittance	92%	Speakers	volume, mute
3		Anti-theft-device	2 x 1 W (Stereo)
			Kensington-lock™ prepared
		Safety Tilt angle	CE, TÜV-Bauart, Gost-R, VCCI, IP54
POWER MANAGEMENT		0	90° up; 5° down
		VESA mounting	100 x 100 mm
Power supply	AC 100 - 240 V, 50 / 60 Hz		
Power Supply Unit	internal		
Power usage	20 W typical; max. 3 W in Power management mode	ACCESORIES	
Power management	VESA DPMS	Driver	Windows (7, Vista, XP, 9X, 2000, CE, NT4)
			Linux, Mac (OSX, OS9), DOS
DIMENSIONS / WEIGHT		Included accessories	power cable, D-Sub signal cable, DVI-D signal cable, RS-232C signal cable, audio cable, USB cable, Touch Panel Driver Disk (CD-ROM), screw, quick start guide
Dimensions w x h x d	351 x 306 x 201 mm		(OD-HOW), sciew, quick start guide

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ProLite T1531SR is based on the latest 5 Wire Resistive technology. Price / performance ratio is ideal for the budget conscious user while quality and specification is certainly not compromised. The display inputs include both Analogue and Digital (DVI) with Touchscreen connectivity via either USB or RS-232 which offers greater than typical flexibility. A solid and steady base supports the TouchScreen with an adjustable stand offering full 90 degree angles. Extensive Touch Utilities allow for 4 point calibration and either 9/25 point linerization. An incredibly powerful Touch solution. Available in black and white.



TOUCH TECHNOLOGY - RESISTIVE

5-wire resistive touchscreens are very durable and can be used in a variety of environments. They are especially recommended for shops, restaurants and industrial purposes.



IP54

The IP Code classifies how resistant a device is to foreign objects and moisture. IP54 means that the monitor will operate in dusty conditions, and will resist splashing water.

1. DISPLAY CHARACTERISTICS

DIAGONAL	15"; 38cm
TOUCHTECHNOLOGY	resistive
PANEL	TN LED
DISPLAY AREA H X W	228 x 304 mm; 9" x 12"
RESPONSE TIME	8 ms
CONTRAST	700 : 1 with touch panel
BRIGHTNESS	350 cd/m² typical
BRIGHTNESS	280 cd/m ² with touch panel
VIEWING ZONE	horizontal/vertical: 140°/125°; right/left: 70°/70°; up/down: 60°/65°
DISPLAY COLOUR	16.7 million
PIXEL PITCH H X V	0.297 x 0.297 mm
NATIVE RESOLUTION	1024 x 768 (0.8 megapixel)
HORIZONTAL SYNC	31.5 - 60.2 KHz
VERTICAL SYNC	56 - 75 Hz
SYNCHRONIZATION	Separate Sync
ASPECT RATIO	4:3
LIGHT TRANSMITTANCE	80%

2. INTERFACES & CONNECTORS

ANALOG INPUT CONNECTOR	VGA
DIGITAL INPUT CONNECTOR	DVI-D
INPUTS	USB, RS-232C

3. SPECIAL FEATURES

APPLE - MAC	OS9, OSX
PLUG & PLAY	VESA DDC 2B™
CONTROLS	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/ Mute, Select/ Auto, Power)
USER CONTROLS	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, volume, mute
SPEAKERS	2 x 1 W (Stereo)
ANTI-THEFT-DEVICE	Kensington-lock™ prepared
SAFETY	CE, CB, TÜV-Bauart, VCCI, CU, cULus, IP54
TILT ANGLE	90° up; 5° down
VESA MOUNTING	100 x 100 mm
COLOUR	White

4. ACCESSORIES

DRIVER	Windows (7, Vista, XP, 9X, 2000, CE, NT4), Linux, Mac (OSX, OS9), DOS
INCLUDED ACCESSORIES	power cable, VGA signal cable, DVI-D signal cable, RS-232C signal cable, audio cable, USB cable, Touch Panel Driver Disk (CD-ROM), screw, quick start guide

5. POWER MANAGEMENT

POWER SUPPLY	AC 100 - 240 V, 50 / 60 Hz
POWER SUPPLY UNIT	internal
POWER USAGE	20 W typical; max. 2 W in Power management mode
POWER MANAGEMENT	VESA DPMS

6. DIMENSIONS & WEIGHT

DIMENSIONS W X H X D	351 x 306 x 201 mm
WEIGHT	4.8 kg



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15" Projective Capacitive 10pt touch screen

The ProLite T1532MSC 15" multi-touch screen is based on projected capacitive technology which thanks to a glass overlay covering the screen guarantees high durability, scratch-resistance and perfect picture performance. The touch function remains unaffected even if the glass is scratched. A solid and steady base supports the TouchScreen with an adjustable stand offering full 90 degree positioning angles. Menu Buttons are located on the side of the screen which can be locked to prevent tampering and includes a handy function to deactivate the TouchScreen for cleaning. In addition the edge-to-edge glass design creates an eye catching finish with high light transmission guaranteeing perfect picture clarity and brilliant colours.



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.



IP54

The IP Code classifies how resistant a device is to foreign objects and moisture. IP54 means that the monitor will operate in dusty conditions, and will resist splashing water.

1. DISPLAY CHARACTERISTICS

DIAGONAL	15"; 38cm
TOUCHTECHNOLOGY	projective capacitive, multitouch (10 compatible touch points - HID, only with supported OS), activated by finger
PANEL	TN LED
GLASS HARDNESS	7H minimum
DISPLAY AREA H X W	228 x 304 mm; 9" x 12"
RESPONSE TIME	8 ms
CONTRAST	700 : 1 with touch panel
BRIGHTNESS	350 cd/m ² typical
BRIGHTNESS	315 cd/m ² with touch panel
VIEWING ZONE	horizontal/vertical: 140°/ 125°; right/left: 70°/ 70°; up/down: 65°/ 60°
DISPLAY COLOUR	16.7 million
PIXEL PITCH H X V	0.297 x 0.297 mm
NATIVE RESOLUTION	1024 x 768 (0.8 megapixel)
HORIZONTAL SYNC	31,4 - 60 KHz
VERTICAL SYNC	56 - 75 Hz
SYNCHRONIZATION	Separate Sync
ASPECT RATIO	4:3
LIGHT TRANSMITTANCE	90%

2. INTERFACES & CONNECTORS

ANALOG INPUT CONNECTOR	VGA
DIGITAL INPUT CONNECTOR	DVI-D
INPUTS	USB (for touch connectivity)

3. SPECIAL FEATURES

CONTROLS	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/ Mute, Select/ Auto, Power)
USER CONTROLS	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, volume, mute
SPEAKERS	2 x 1 W (Stereo)
ANTI-THEFT-DEVICE	Kensington-lock™ prepared
SAFETY	CE, CB, CU, TÜV-Bauart, VCCI, cULus, IP54
TILT ANGLE	90° up; 5° down
VESA MOUNTING	100 x 100 mm
COLOUR	Black

4. ACCESSORIES

DRIVER	multi-touch: Windows7/8/10 (HID compliant), single-touch: Vista, XP, 9X, 2000, CE, NT4, Linux, Mac (OSX)
INCLUDED ACCESSORIES	power cable, VGA (D-Sub) signal cable, DVI-D signal cable, audio cable, USB cable, Touch Panel Driver Disk (CD-ROM), screw, quick start guide, safety guide

5. POWER MANAGEMENT

POWER SUPPLY	AC 100 - 240 V, 50 / 60 Hz
POWER SUPPLY UNIT	internal
POWER USAGE	20 W typical; max. 2 W in Power management mode
POWER MANAGEMENT	VESA DPMS

6. DIMENSIONS & WEIGHT

DIMENSIONS W X H X D	351 x 306.5 x 202 mm
WEIGHT	4.5 kg



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Technical specification



DISPLAY CHARACTERISTICS



ProLite T1532SR

ProLite T1532SR is an incredibly powerful touch solution based on the latest 5 Wire Resistive technology. Price / performance ratio is ideal for the budget conscious user while quality and specification is certainly not compromised. The display inputs include both Analogue and Digital (DVI) with Touchscreen connectivity via either USB or RS-232 which offers greater than typical flexibility. A solid and steady base supports the TouchScreen with an adjustable stand offering full 90 degree positioning angles. Extensive Touch Utilities allow for 4 point calibration and 9/25 point linerisation. Menu Buttons are located on the side of the screen which can be locked to prevent tampering, and includes a handy function to deactivate the Touch Screen for cleaning. In addition the bezel free design creates an eye-catching finish with high light transmission guaranteeing perfect picture clarity and brilliant colours.

INTERFACES / CONNECTORS / CONTROLLERS

Diagonal	15"	Analog input connector	VGA (D-SUB)
Touchtechnology	resistive	Digital input connector	DVI-D
Panel	TN	Inputs	USB, RS-232C
Display area h x w	228 x 304 mm; 9" x 12"		D-Sub, DVI-D
Response time	8 ms		
Static contrast	500 : 1 with touch panel		
Brightness	200 cd/m ² with touch panel		
Viewing zone	horizontal/vertical: 140°/ 125°; right/left: 70°/ 70°; up/down: 60°/ 65°	SPECIAL FEATURES	
Display colour	16.7 million	Apple - Mac	OS9, OSX
Pixel pitch h x v	0.297 x 0.297 mm	Plug & Play	VESA DDC 2B™
Native resolution	1024 x 768 (0.8 megapixel)	Controls	On-Screen-Display in 8 languages (DE, EN
Horizontal sync	31.5 - 60.2 KHz		ES, FR, IT, JP, Chinese - traditional and simplified) and 5 front controls (Menu, Scroll
Vertical sync	56 - 75 Hz		up/ Brightness, Scroll down/ Mute, Select/
Synchronization	Separate Sync		Auto, Power)
Aspect ratio	4:3	User controls	contrast, brightness, auto adjust, H.position
Light transmittance Type	80% bezel-free		V.position, H.size, phase, OSD H.position, OSD V.position, OSD timeout, reset, input select, OSD language, colour temperature, volume, mute
		Speakers	2 x 1 W (Stereo)
		Anti-theft-device	Kensington-lock™ prepared
POWER MANAGEMENT		Safety	CE, TÜV-Bauart, Gost-R, VCCI, IP54
Power supply	AC 100 - 240 V, 50 / 60 Hz	Tilt angle	90° up; 5° down
Power Supply Unit	internal	VESA mounting	100 x 100 mm
Power usage	20 W typical; max. 2 W in Power management mode		
Power management	VESA DPMS	ACCESORIES	
		Driver	Windows (7, Vista, XP, 9X, 2000, CE, NT4) Linux, Mac (OSX, OS9), DOS
DIMENSIONS / WEIGHT		Included accessories	power cable, D-Sub signal cable, DVI-D
Dimensions w x h x d	351 x 306 x 201 mm		signal cable, RS-232C signal cable, audio
Weight	4.8 kg		cable, USB cable, Touch Panel Driver Disk (CD-ROM), screw, quick start guide

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15" 5-wire resistive touchscreen

ProLite T1531SR-W5 is based on 5 wire resistive touch technology. The price / performance ratio is ideal for the budget conscious user while quality and performance are certainly not compromised. The display inputs include both analogue and digital (HDMI and DisplayPort) with touchscreen connectivity via USB offering great flexibility. A solid and steady base supports the touchscreen with an adjustable stand offering full 90-degree angles. The ProLite T1531SR-W5 can be used in a variety of environments, especially recommended for shops, restaurants and industrial purposes. Available in black and white.





Touch technology - Resistive

5-wire resistive touchscreens are very durable and can be used in a variety of environments. They are especially recommended for shops, restaurants and industrial purposes. The IP Code classifies how resistant a device is to foreign objects and moisture. IP54 means that the

monitor will operate in dusty conditions, and will resist

splashing water.

ip54

01 DISPLAY CHARACTERISTICS

Diagonal	15", 38cm
Panel	TN LED
Native resolution	1024 x 768 (0.8 megapixel)
Aspect ratio	4:3
Brightness	370 cd/m² typical
Brightness	300 cd/m ² with touch
Static contrast	700:1 with touch
Light transmittance	80%
Response time	8ms
Viewing zone	horizontal/vertical: 170°/160°, right/left: 85°/85°, up/down: 80°/80°
Horizontal Sync	31.5 - 60.KHz
Vertical Sync	56 - 75Hz
Viewable area W x H	304 x 228mm, 12 x 9"
Pixel pitch	0.297mm
Bezel colour and finish	matte, white

02 TOUCH

Touch technology	serial resistive
Touch points	1
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	Speakers 2 x 1W
HDCP	yes

04 FEA

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Impact testing	IP54 (front)
OSD key lock	yes

05 GENERAL

OSD languages	EN, DE, FR, ES, IT, CN, JP
Control buttons	Menu, Scroll up/ Brightness, Scroll down/ Mute, Select, 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
Convenience	Kensington-lock [™] prepared
Plug&Play	DDC2B

06 MECHANICAL

Tilt angle	90° up; 5° down
VESA mounting	100 x 100mm
Cable management system	yes

07 ACCESSORIES INCLUDED

Cables	power, USB, HDMI, Audio, DP
Guides	quick start guide, safety guide
Other	Touch Panel Driver Disk (CD-ROM)
Cable cover	yes

08 POWER MANAGEMENT

Power supply unit	internal
Power supply	AC 100 - 240V, 50/60Hz
Power usage	16W typical, 2W stand by

09 SUSTAINABILITY

Regulations

CB, CE, TÜV-Bauart, CU, cULus, VCCI

10 DIMENSIONS / WEIGHT

Product dimensions W x H x D	351 x 306 x 201mm
Weight (without box)	4.8kg













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