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Touch technology - Surface Acoustic Wave

Surface acoustic wave uses ultrasonic waves that pass over the panel. When the panel is touched, a portion of the wave is absorbed and a touch event is registered. Because the screen is covered with a glass layer this technology offers great picture performance (high contrast and colour accuracy). It is also scratch-resistant technology and therefore ideal for use in Public Places or Schools. Even if the screen is scratched, the touch function remains unaffected. Surface Acoustic Touch screens are activated with finger or a soft stylus touch.

Scratch resistance

Scratch resistance is essential for touch solutions used in public places and schools. This is achieved thanks to a glass overlay covering the screen. It guarantees high durability of the touch function and even more importantly the touch function remains unaffected even if the glass is scratched.

DISPLAY CHARACTERISTICS

Diagonal	19", 48cm
Panel	TN LED
Native resolution	1280 x 1024 (1.3 megapixel)
Aspect ratio	5:4
Panel brightness	250 cd/m ²
Brightness	230 cd/m² with touch
Light transmittance	92%
Static contrast	900:1 with touch
Response time (GTG)	5ms
Viewing zone	horizontal/vertical: 170°/160°, right/left: 85°/85°, up/down: 80°/80°
Colour support	16.7mln
Horizontal Sync	31.5 - 80kHz
Viewable area W x H	376 x 301mm, 14.8 x 11.9"
Pixel pitch	0.294mm
Bezel colour and finish	black, matte



TOUCH

Touch technology	SAW
Touch points	1
Touch method	finger
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	DVI x1
Audio output	Speakers 2 x 1W



FEATURES

Water and dust protection	IP54 (front)
OSD key lock	yes



GENERAL

OSD languages	EN, DE, FR, ES, IT, CN, JP
Control buttons	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
Convenience	Kensington-lock™ prepared
Plug&Play	DDC2B



MECHANICAL

Tilt angle	90° up; 5° down
VESA mounting	100 x 100mm

Cable management system yes

07 ACCESSORIES INCLUDED

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

08 POWER MANAGEMENT

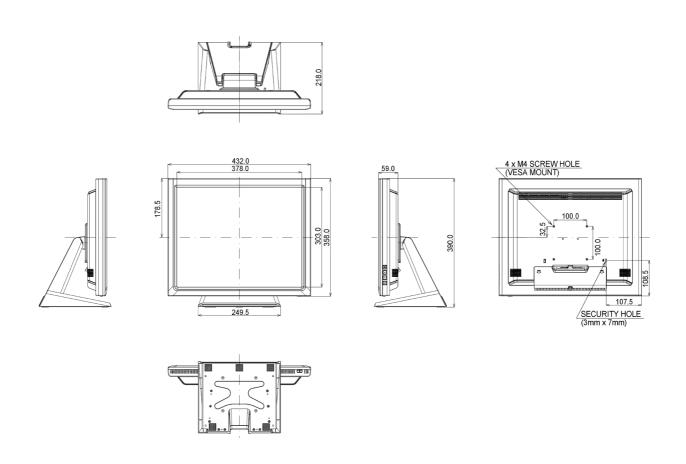
Power supply unit	internal
Power supply	AC 100 - 240V, 50/60Hz
Power usage	20W typical, 3W stand by, 3W off mode

09 SUSTAINABILITY

RegulationsCB, CE, TÜV-Bauart, GOST, RoHS support, ErP, WEEE, VCCI, REACHREACH SVHCabove 0.1%: Lead

10 DIMENSIONS / WEIGHT

Product dimensions W x H x D	432 x 390 x 218mm
Weight (without box)	6.6kg



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