ASSURED Q
SYSTEMS

iiyama

PROLITE TF1934MC-B5X

19'' open frame 10pt touch monitor featuring IPS panel

The ProLite TF1934MC 19" multi-touch screen is based on projective capacitive technology which thanks to a glass overlay covering the screen guarantees high durability, scratch-resistance and perfect picture performance. The IPS matrix guarantees high performance with accurate and consistent colour reproduction and wide viewing angles. The touch function remains unaffected even if the glass is scratched. The screen is IP65 rated which means it is dust and water resistant. For ease of installation in any environment, the ProLite TF1934MC comes equipped with external mounting brackets making it an ideal solution for kiosk integrators and Instore Retail.

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.

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.

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01 DISPLAY CHARACTERISTICS

Design	Open Frame
Diagonal	19", 48cm
Panel	IPS LED
Native resolution	1280 x 1024 (1.3 megapixel)
Aspect ratio	5:4
Brightness	250 cd/m² typical
Brightness	225 cd/m² with touch
Static contrast	1000:1 with touch
Light transmittance	90%
Response time	14ms
Viewing zone	horizontal/vertical: 178°/178°, right/left: 89°/89°, up/down: 89°/89°
Colour support	16.7mln 8bit (6bit + Hi-FRC)
Horizontal Sync	31,4 - 80KHz
Vertical Sync	50 - 75Hz
Viewable area W x H	376.5 x 301.1mm, 14.8 x 11.9"
Pixel pitch	0.294mm
Bezel colour and finish	black, matte

02 TOUCH

Touch technology	projective capacitive
Touch points	10 (HID, only with supported OS)
Touch method	stylus, finger, glove (latex)
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
HDCP	yes

04 FEATURES

Water and dust protection	IP65 (front)
OSD key lock	yes

05 GENERAL

OSD languages	EN, DE, FR, ES, IT, CN, JP
Control buttons	Menu, Scroll up/ Brightness, Scroll down/ Contrast, 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
Plug&Play	DDC2B

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06 MECHANICAL

VESA mounting	100 x 100mm

07 ACCESSORIES INCLUDED

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

08 POWER MANAGEMENT

Power supply unit	external
Power supply	DC 12 V
Power usage	15W typical, 2W stand by, 2W off mode

09 SUSTAINABILITY

Regulations	CB, CE, TÜV-Bauart, CU, cULus
Other	REACH SVHC above 0.1%: Lead

10 DIMENSIONS / WEIGHT

Product dimensions W x H x D	416 x 344.0 x 46.5mm
Weight (without box)	4.4kg
EAN code	4948570116157
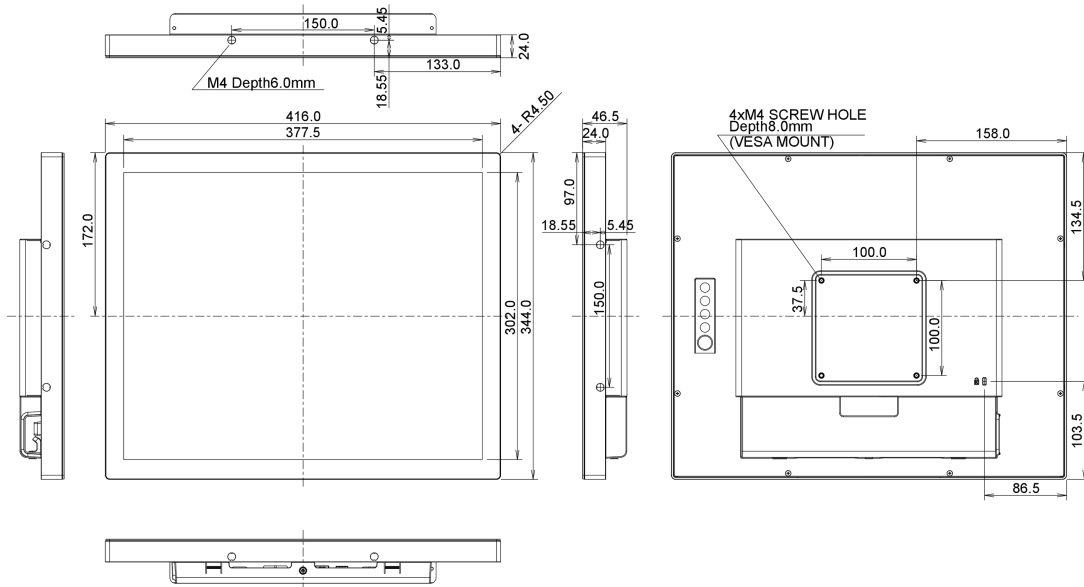
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Dimensional drawings with measurements: 150.0, 5.45, 24.0, 133.0, 18.55, M4 Depth6.0mm, 416.0, 377.5, 4-R4.50, 46.5, 24.0, 4xM4 SCREW HOLE Depth8.0mm (VESA MOUNT), 158.0, 172.0, 97.0, 100.0, 134.5, 18.55, 5.45, 302.0, 344.0, 150.0, 37.5, 100.0, 103.5, 86.5

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Assured Systems

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