



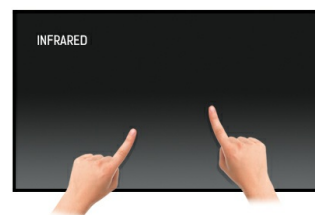
55" professional 24/7 touch display with 20 compatible touch points

Incorporating the InfraRed touch technology along with supreme IPS panel colour performance, this display offers the optimum performance for a truly multi-user interactive experience. With the ability to handle up to 20 individual touch points, the TH5565MIS-B1AG offers an exceptional capacity within Retail, Education, Training, Corporate and B2B markets. Features include an ambient light sensor delivering optimal picture quality with the added benefit of saving on power. Incorporating 4mm Protection Glass and AG-coating the display can handle harshest environments from the classroom to Public Domain Retail installation. Landscape and Portrait friendly, with OSD portrait mode support, TH5565MIS-B1AG is designed for a continuous operation. A perfect solution for Interactive Digital Signage.



IPS

IPS displays are best known for wide viewing angles and natural, highly accurate colours. They are especially suited for colour-critical applications.



Touch technology - Infrared

The infrared technology uses infrared backlight. A touch event is registered with great accuracy when the infrared light is blocked by finger or stylus. This technology does not rely on an overlay or substrate, so it is impossible to physically "wear out" the touchscreen. Moreover the display characteristics remain virtually unaffected by the touch functionality.

01 DISPLAY CHARACTERISTICS

| | |
|-------------------------|---|
| Diagonal | 54.6", 138.8cm |
| Panel | IPS LED, AG coated glass |
| Native resolution | 1920 x 1080 (2.1 megapixel Full HD) |
| Aspect ratio | 16:9 |
| Panel brightness | 450 cd/m ² |
| Brightness | 400 cd/m ² with touch |
| Light transmittance | 88% |
| Static contrast | 1100:1 |
| Response time (GTG) | 12ms |
| Viewing zone | horizontal/vertical: 178°/178°, right/left: 89°/89°, up/down: 89°/89° |
| Colour support | 16.7mln |
| Horizontal Sync | 30 - 83kHz |
| Viewable area W x H | 1209.6 x 680.4mm, 47.6 x 26.8" |
| Pixel pitch | 0.63mm |
| Bezel colour and finish | black, matte |

02 TOUCH

| | |
|-----------------------------|---|
| Touch technology | infrared |
| Touch points | 20 (HID, only with supported OS) |
| 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 Component video x1 RCA Composite x1 |
| Digital signal input | HDMI x3 |
| Audio input | RCA (L/R) x1 Mini jack x1 |
| Monitor control input | RS-232c x1 RJ45 (LAN) x1 IR x1 |
| Analog signal output | Component video x1 RCA Composite x1 |
| Digital signal output | HDMI x1 (daisy chain) |
| Audio output | RCA (L/R) x1 Speakers 2 x 10W |
| Monitor control output | RS-232c x1 IR loop through x1 |
| HDCP | yes |

04 FEATURES

| | |
|------------------------------|------|
| Max. non-stop operating time | 24/7 |
| Glass thickness | 4mm |

| | |
|-------------------|-------|
| Glass hardness | 7H |
| Housing (bezel) | metal |
| Brightness sensor | yes |

05 GENERAL

OSD languages EN, DE, FR, CN, RU, JP, CZ, NL, PL

User controls picture (picture mode, backlight, contrast, brightness, saturation, hue, sharpness, sharpness booster, colour temp., noise reduction, reset, adv. colour settings, base colour adj., adaptive contrast, ambient light sensor) sound (balance, adv. sound settings, HDMI audio, spectrum analyser, media player, schedule, display wall) setting (language, network settings, control setting, set monitor ID, energy saving settings, aspect, VGA settings, freeze, blue screen, touch feature, anti image retention, OSD rotation, OSD info box, IR out, opening logo, information, all reset)

Plug&Play DDC2B

06 MECHANICAL

Orientation landscape, portrait

Fanless design yes

VESA mounting 400 x 400mm

07 ACCESSORIES INCLUDED

Cables power, VGA, USB, HDMI

Touch pen x3

Guides quick start guide, safety guide

Remote control yes (batteries included)

08 POWER MANAGEMENT

Power supply unit internal

Power supply AC 100 - 240V, 50/60Hz

Power usage 106W typical, 0.5W stand by, 0.5W off mode

09 SUSTAINABILITY

Regulations CB, CE, TÜV-Bauart, RoHS support, ErP, WEEE, CU, REACH

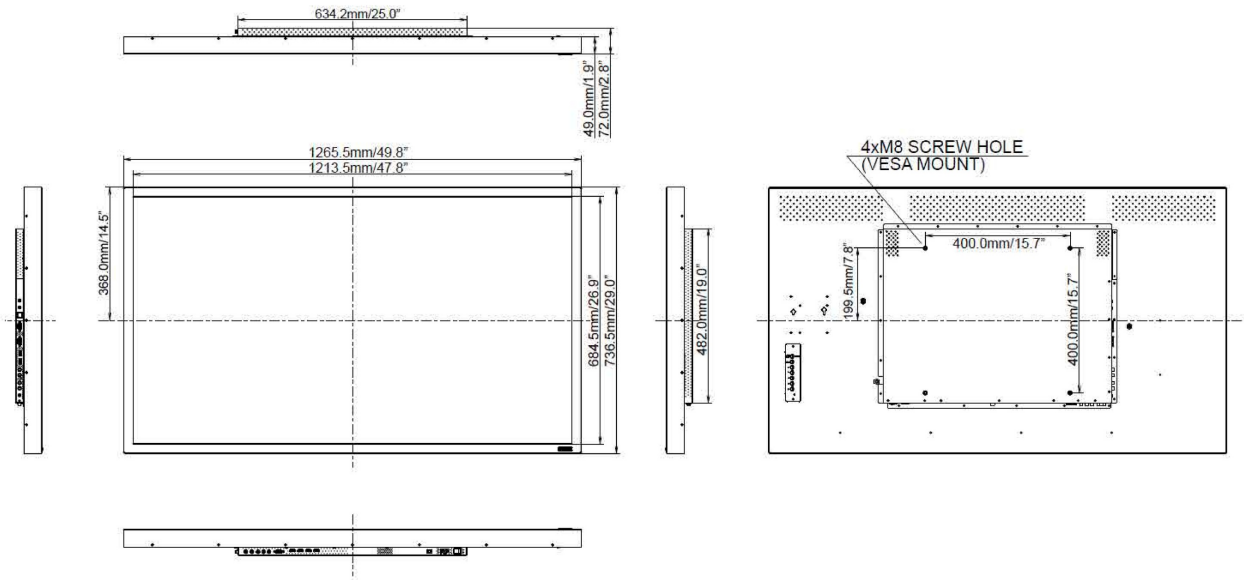
REACH SVHC above 0.1%: Lead

10 DIMENSIONS / WEIGHT

Product dimensions W x H x D 1265.6 x 736.5 x 72mm

Weight (without box) 37.5kg

EAN code 4948570114733



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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