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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.



**IPS** 

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

# 01 DISPLAY CHARACTERISTICS

| Diagonal                | 42", 106.5cm  |
|-------------------------|---|
| Panel                   | IPS LED-Backlit, AG80 Coated Glass                                    |
| Native resolution       | 1920 x 1080 (Full HD 1080p, 2.1 megapixel)                            |
| Aspect ratio            | 16:9  |
| Panel brightness        | 400 cd/m <sup>2</sup>   |
| Advanced contrast       | 0M:1  |
| Response time (GTG)     | 9ms   |
| 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     | 927.9 x 522mm, 36.5 x 20.6"   |
| Pixel pitch             | 0.4833mm  |
| Bezel colour and finish | black, matte  |

#### 02 INTERFACES / CONNECTORS / CONTROLS

| Analog signal input  | VGA x1<br>RCA Composite x1 |
|----------------------|----------------------------|
| Digital signal input | DVI x1                     |
|                      | HDMI x1 DisplayPort x1     |
| Audio output         | Speakers 2 x 12W           |
| HDCP                 | yes                        |
| USB HUB              | х0                         |

### 03 FEATURES

Brightness sensor yes

# 04 GENERAL

| <b>User controls</b> picture (picture mode, backlight, contrast, brightness, chroma, phase, sharpne   |     |
|---|-----|
| colour temp., noise reduction, film mode, rest), sound (sound mode, treble, ba balance, surround, speaker, audio source, reset), screen (PAP setting, display wall, aspect, adjust screen, freeze, touch feature), setting (language, schedule power save, control setting, network settings, set monitor ID, HDMI control, advanced, information, reset all) | ss, |

Plug&Play DDC2B, Mac OSX

### 05 MECHANICAL

**Orientation** landscape, portrait

# 06 ACCESSORIES INCLUDED

| Cables         | power, VGA, USB                 |
|----------------|---------------------------------|
| Guides         | quick start guide, safety guide |
| Remote control | ves                             |

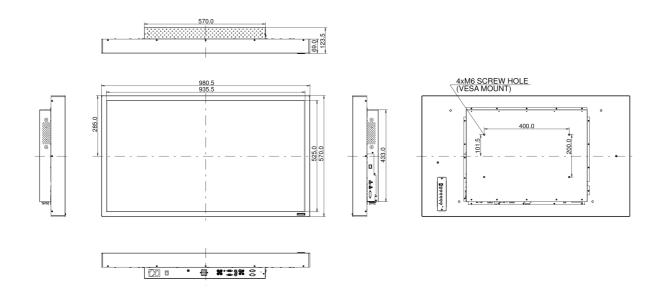
| Power supply unit | internal                                   |
|-------------------|--|
| Power supply      | AC 100 - 240V, 50/60Hz                     |
| Power usage       | 119W typical, 0.5W stand by, 0.5W off mode |

# 08 SUSTAINABILITY

| Regulations | CB, CE, TÜV-Bauart, RoHS support, ErP, WEEE, CU, REACH |
|-------------|--|
| REACH SVHC  | above 0.1%; Lead                                       |

# 09 DIMENSIONS / WEIGHT

| Product dimensions W x H x D | 980.5 x 570 x 123.5mm |
|------------------------------|-----------------------|
| Weight (without box)         | 22kg                  |



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