### Product specification (design and specification subject to change without notice)

#### DISPLAY PANEL

- **Screen Size (Diagonal)**: 43-inch (1079 mm)
- **Panel type**: IPS / Edge-LED
- **Aspect ratio**: 16:9
- **Effective Display Area (W x H)**: 941 x 529 mm
- **Number of pixels (H x V)**: 1920 x 1080 pixels
- **Brightness**: 450 cd/m² (typ.)
- **Contrast Ratio**: 1100:1 (typ.)
- **Dynamic Contrast**: 50000:1 (typ.)
- **Max. Display Colors**: approx. 16.8 million
- **Response Time**: 12 ms (typ.)
- **Viewing Angle (Horizontal / Vertical)**: 178° / 178°
- **Panel Lifetime**: approx. 50000 hours (typ.)
- **Panel Surface Treatment**: Anti glare type (Haze 1%)

#### CONNECTION TERMINAL

- **HDMI IN**: HDMI Type A Connector x 2, Linear PCM (Sampling frequency: 48 kHz/44.1 kHz/32 kHz)
- **VIDEO/ AUDIO IN (AV IN)**: 4 Port mini Jack (M3) x 1 / x 1 (AUDIO IN Shared with DVI-D IN, PC IN, VIDEO IN)
  - **VIDEO**: 1.0 V [p-p] (75 Ω )
  - **AUDIO**: 0.5 V [rms]
- **DVI-D IN**: DVI-D 24-pin x 1, Compliance with DVI Revision 1.0, Compatible with HDCP 1.1
- **DVI-D OUT**: DVI-D 24-pin x 1, Compliance with DVI Revision 1.0, Compatible with HDCP 1.1
- **PC IN**: Mini D-Sub 15-pin (DDC2B) x 1
  - **H**: 0.7 V [p-p] (75 Ω )
  - **V**: 1.0 V [p-p] (75 Ω )
- **SERIAL IN / OUT**: D-sub 9 pin x 1 / x 1, RS-232C Compatible
- **LAN**: RJ45 x 1, 10BASE-T/100BASE-TX, Compatible with PJLink
- **IR TRANSMITTER IN / OUT**: Stereo Mini Jack (M3) x 1 / x 1
- **AUDIO OUT**: Stereo Mini Jack (M3) x 1, 0.5 V [rms] (1 kHz 0 dB Input, 10 k Ω Load)
- **USB**: USB 2.0 Type A connector x 1 DC 5 V/1A (USB 3.0 is not supported.)

#### AUDIO

- **Built in Speaker**: 20 W [10 W +10 W]

#### ELECTRICAL

- **Power Requirements**: AC 220 - 240 V 50/60 Hz
- **Power Consumption**: 95 W
- **Max. Average Power Consumption**
  - **On Mode**: 63 W
  - **Off Mode**: approx. 0.3 W
- **Stand-by Condition**: approx. 0.5 W
- **Apparent power**: 103 VA

*Based on IEC 62087 Ed.2 measurement method*

#### MECHANICAL

- **Dimensions (W x H x D)**: 965 x 559 x 46 mm
- **Weight**: approx. 10.7 kg
- **Bezel Color**: Black
- **Bezel Width**: T/R/L 9.5 mm, B 15.5 mm
- **Carton Dimensions (W x H x D)**: 1141 x 779 x 203 mm
- **Gross Weight**: approx. 15 kg
- **Cabinet Material**: Front: Metal / Back: Plastic
- **Pitch for Wall-Hanging**: VESA Compliant 400 x 400 mm (Installed by: M6 screws / Screw hole depth 10 mm)

#### INSTALLATION

- **Orientation**: Landscape / Portrait (Rotation: Up to 45 degrees for each right and left with the display installed landscape)
- **Tilting Angle**: Portrait: 0 - 45 degrees forward / backward

*Please contact your sales representative with regard to the tilt angle before installation.

*When you install the product upright, be sure to make the power lamp of the main body come to the upper side.

#### ENVIRONMENTAL

- **Operating Environment**
  - **Temperature**: 0℃ to 40℃ (0℃ to 35℃)*
  - **Humidity**: 20% to 90% (No condensation)
  - **Altitude**: 0 to 2800 m
- **Storage Environment**
  - **Temperature**: -20℃ to 60℃
  - **Humidity**: 20% to 90% (No condensation)

*1: for up to 1400 m altitude *2: for between 1400 m and 2800 m altitude

Depending on the temperature or humidity conditions, uneven brightness may be observed. This is not a malfunction.

- This unevenness will disappear while applying current continuously. If not, consult the distributor.
MAIN FEATURE

USB Media Player: YES
Failback / Failover: YES
Data Caching: YES
Digital ZOOM: YES
Multi display settings: YES
Power on screen delay: YES
Auto setting: YES
Screen saver: YES
HDMI power management: YES
PC power management: YES
DVI-D power management: YES
Power save: YES
Button lock: YES
Controller user level: YES
Input search: YES
6-segment colour management: YES
Dynamic contrast: YES
Colour enhancement: YES
Refine enhancer: YES
Gradation smoother: YES
Set up timer: YES
AMX D.D.: YES
Crestron Connected: YES
Extron XTP: YES
WEB Browser control: YES
PLink: YES
Image compatible: YES
Input Detection: YES
HDMI-CEC compatible: YES
Viewer: YES
Early Warning Software compatible: YES
Multi Monitoring & Control Software compatible: YES
Video Wall Manager compatible: YES
CMS Content management: YES
Software compatible: YES

STANDARD (CERTIFICATIONS)

SAFETY
BEAB approval

REGULATIONS
EN55032:2012+AC:2013 (CLASS A)
IEC61000-4-5:2005, IEC61000-4-6:2013, IEC61000-4-8:2009
IEC61000-4-11:2004

REMOTE CONTROL TRANSMITTER

Power Requirements: DC 3 V (2 x AAA Size batteries)
Operating distance: approx. 7 m*
Weight: approx. 63 g including batteries
Dimensions (W x H x D): 48 x 134 x 20 mm
*When operated directly in front of receptor.

INCLUDED ACCESSORIES

- AC cord (1.8 m)
- Remote Control
- Batteries (AAA size) x 2
- Clamper x 3

OPTIONAL ACCESSORIES

Pedestal Stand: TY-ST43PE9

DIMENSIONS

Cautions: This drawing is not a scale

Units: mm

CONNECTION TERMINAL

* Specifications and appearance are subject to change without notice.
## List of correspondence signals

The picture signal which can indicate this machine is as it is the following table.

<table>
<thead>
<tr>
<th>Correspondence signal</th>
<th>Resolution (dot)</th>
<th>Scan rate</th>
<th>Dot clock rate (MHz)</th>
<th>Format</th>
</tr>
</thead>
<tbody>
<tr>
<td>NTSC/NTSC4.43/ PAL M/PAL60</td>
<td>720 × 480</td>
<td>15.73</td>
<td>59.94</td>
<td>V</td>
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<tr>
<td>PAL/PAL-N/SECAM</td>
<td>720 × 576i</td>
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<td>V</td>
</tr>
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<td>480i/60i</td>
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<td>59.94</td>
<td>13.50</td>
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<td>50.00</td>
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<td>50.00</td>
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<td>60.00</td>
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<td>50.00</td>
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<tr>
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<td>60.00</td>
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<td>74.04</td>
<td>59.95</td>
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</tr>
</tbody>
</table>

* *1: When 1125 (1035) /60i signal is input, it is displayed as 1125 (1080) /60i signal. *2: Pixel-Repetition signal (dot clock frequency 27.0 MHz) only *3: Displayed with image elements thinned out in the image processing circuit. *4: Based on VESA CVT-RB (Reduced Blanking) standard

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**Drawing of terminals**

**View from back**

**Magnified figure of terminal a**

**Magnified figure of terminal b**

**Sectional view of terminal a (USB/DVI-D OUT/DVI-D IN/HDMI 1,2/LAN/PC IN)**

**Terminal a**

**43SF2E Terminal (Side)**

<table>
<thead>
<tr>
<th></th>
<th>USB</th>
<th>DVI-IN/OUT</th>
<th>HDMI</th>
<th>LAN</th>
<th>PC IN</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>7.8</td>
<td>8.8</td>
<td>7.2</td>
<td>8.1</td>
<td>10</td>
</tr>
<tr>
<td>B</td>
<td></td>
<td>5.6</td>
<td></td>
<td></td>
<td>5.3</td>
</tr>
<tr>
<td>C</td>
<td></td>
<td></td>
<td>24.9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>D</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>56.6</td>
</tr>
</tbody>
</table>

**Sectional view of terminal b (IR OUT/SERIAL OUT/AUDIO OUT/IR IN/SERIAL IN/AV IN)**

**Terminal b**

**43SF2E Terminal (Bottom)**

<table>
<thead>
<tr>
<th></th>
<th>IR IN/OUT</th>
<th>SERIAL OUT</th>
<th>AUDIO OUT</th>
<th>SERIAL IN</th>
<th>AV IN</th>
</tr>
</thead>
<tbody>
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<td>A</td>
<td>2.7</td>
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<td>2.7</td>
<td>5.2</td>
<td>1.7</td>
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<tr>
<td>B</td>
<td>10.1</td>
<td>10.1</td>
<td>10.1</td>
<td>10.1</td>
<td>9.3</td>
</tr>
<tr>
<td>C</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>D</td>
<td></td>
<td>69.3</td>
<td></td>
<td></td>
<td>40.9</td>
</tr>
</tbody>
</table>

*Due to the construction of terminal, some types of connecting cable or USB memory device cannot be used. Be sure to use connecting cable or USB memory device after confirmation in this drawing.*
Installation precautions

The SF2 Series is designed for use in either portrait or horizontal orientation with angle adjustment. Tilting installation up to 45 degrees forward or backward is also possible. You can install as shown the example figures.

<table>
<thead>
<tr>
<th>Orientation</th>
<th>Landscape (The angle can be adjusted up to 45 degrees for each right and left (with the display installed landscape).)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tilting angle</td>
<td>0 - 45 degrees forward / backward with landscape / portrait setting (Angle adjustment is not possible for forward / backward tilting installation.)</td>
</tr>
</tbody>
</table>

◆ Orientation

Angle adjustment (0-45° for both left and right)

◆ Tilting angle

Forward tilting

Landscape orientation | Portrait orientation

Backward tilting

Landscape orientation | Portrait orientation