# Flatman XXL Monitor

## 32" up to 65" in full metal housing as stand alone device with or without Touch

## Technical Information:

| Display size | 32" | 42" | 55" | 65" | 65" |
|---|---|---|---|---|---|
| Display manufacturer | LG | AUO | AUO | AUO | AUO |
| Display type | LD320EUN-SEM1 | P420HVN03.1 | P550HVN02.2 | P650HVN03.0 | P650HVN04.0 |
| Resolution | 1920x1080, Full HD | 1920x1080, Full HD | 1920x1080, Full HD | 1920x1080, Full HD | 1920x1080, Full HD |
| Format | 16:9 | 16:9 | 16:9 | 16:9 | 16:9 |
| Contrast ratio | 1300:1 | 4000:1 | 4000:1 | 4000:1 | 4000:1 |
| Brightness | 400cd/m$^2$ | 700cd/m$^2$ | 500cd/m$^2$ | 500cd/m$^2$ | 700cd/m$^2$ |
| Angle View | 178°/178° | 178°/178° | 178°/178° | 178°/178° | 178°/178° |
| Colors | 16.7million | 16.7million | 16.7million | 16.7million | 16.7million |
| LED Lifetime (> 50%, 25°C) | 50.000h | 50.000h | 50.000h | 50.000h | 50.000h |
| Dimensions (WxHxD, mm) | 780x475x96.5 | 1050x640x132 | 1302x787x145 | 1547x931x181.5 | 1547x931x181.5 |
| Weight | ~ 20kg | ~ 40kg | ~ 60kg | ~ 75kg | ~ 75kg |
| Touch Options [1] | Protection glass / IR-touch (*) | | | | |
| Mounting Option | full metal housing | | | | |
| Fastening | VESA 200/200 or 200/up to 600 | | VESA 200/400 | VESA 200-600/200-1000 | |
| Color | RAL 7021 (black anthracite) | | | | |

[1] The infrared touch ( IR touch screen ) works similarly to a " light barrier " . This is just above the display surface . It is the only touch screen , where no direct contact with the display is necessary . Benefit: The IR Touch is backed by a reflective safety glass whereas by this the performance of the touch screen is not reduced . Thus, it is virtually vandal proof .
The IR touch screen can be operated with fingers , gloves and all other items. It is very robust and works well in an extended temperature range , as well as under vibration and shock.

| | |
|---|---|
| Video In [2] | 1x DVI, 1x Display Port |
| I/O Option [2] | USB2.0 (Type A) |
| Power Supply [2] | Input 90 ~ 264VAC, 47 ~ 63Hz |
| Cooling | Fanless passive cooling |
| Operating Temperature | 0°C - 45°C ambient |
| Humidity | 10%-90% @ 39°C, non condensing |
| Certification | CE |
| Protection class | IP54 |
| EMC | EN55022 class A |

[2] The connections for power and interfaces are brought to the outside of device with a lead-through (IP65) and max. cable lenght of 2,5m.
(cable lenght up to 4,5m on demand)

## Order Information

| | |
|---|---|
| 32" | F6320LBT0xxxx [3] |
| 42" | F6420AUT0xxxx [3] |
| 55" | F6550AUT0xxxx [3] |
| 65" | F6650AUT0xxxx [3] |

[3] *xxxx is an internal configuration code for any options (Panel PC, Monitor, IR Touch, Protection glass,...)*

Ask our sales department for details.

s&t embedded

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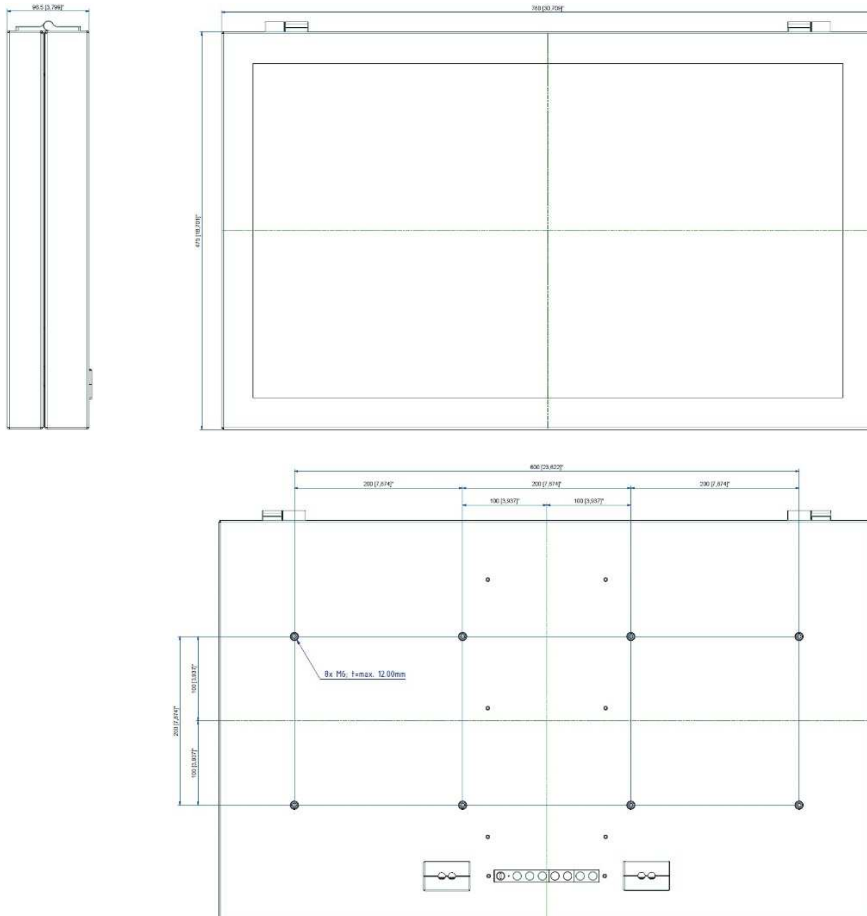## 32" up to 65" in full metal housing as stand alone device with or without Touch





*Cable lead-through for power and interface cable*

V1.2

## Dimension Drawings

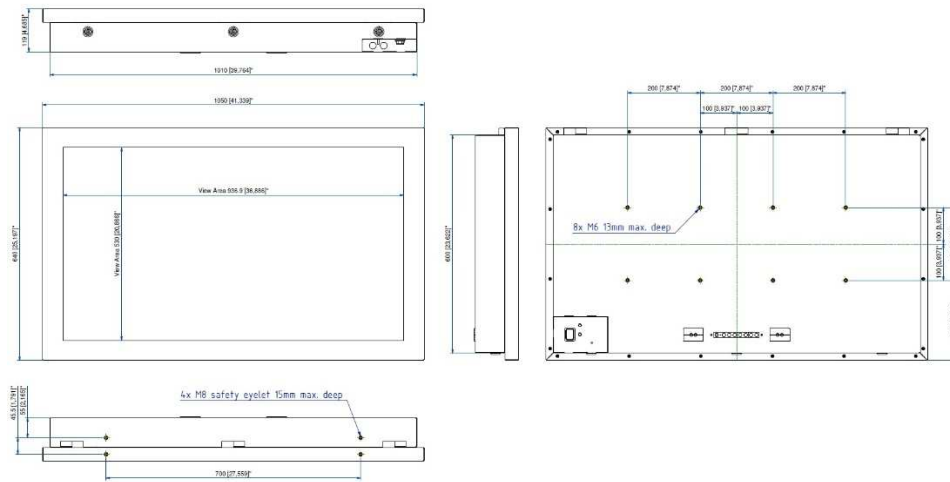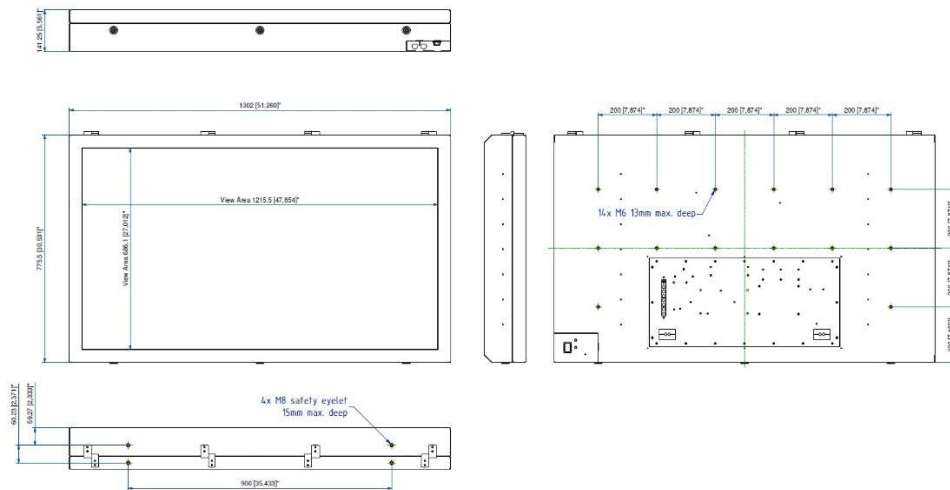### 32" full metal

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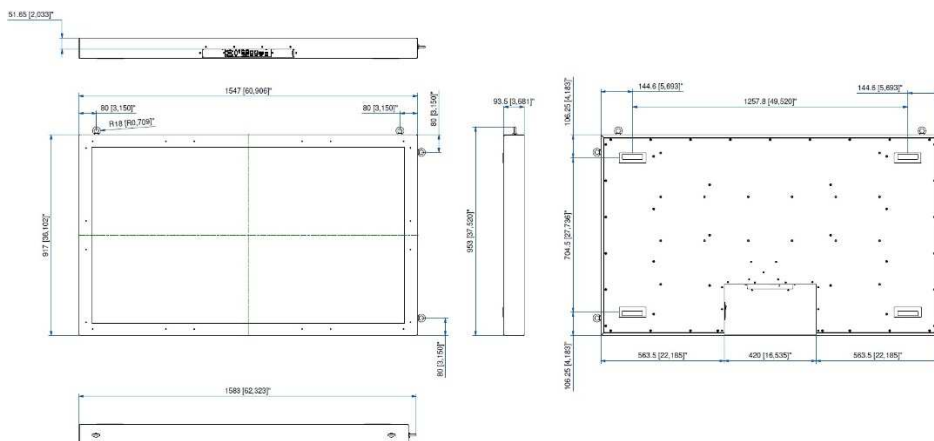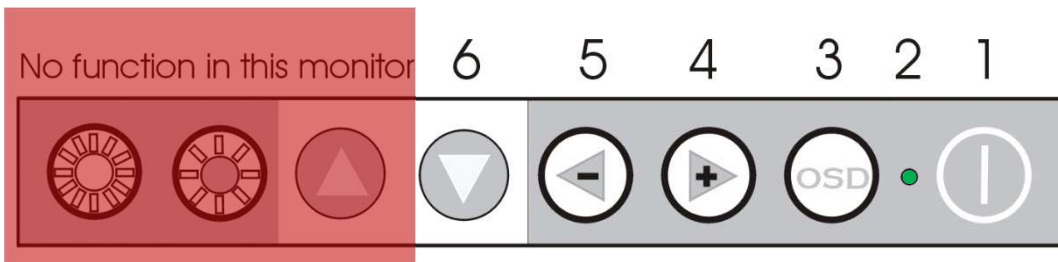
### 42" full metal



### 55" full metal



### 65" full metal

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## OSD Keypad



With the self explaining OSD ( On Screen Display ) you can modify the settings and control the special features of the CRTtoLCD-Controller. The OSD uses a number of menus for making changes and turning the special features on or off. The configuration can be done via the OSD-keypad

| | |
|---|---|
| 1. Power Switch | Power switch |
| 2. LAMP LED | Power LED |
| 3. OSD menu / select ➔ | Pressing this button pops up the OSD menu on the screen. Add used to select the OSD control options on the screen |
| 4. Adjust (increase +) | This button is used to adjust the increasing value of selected |
| 5. Adjust (decrease -) | This button is used to adjust the decreasing value of selected |
| 6. Auto adjust / select ⬅ | Select this function to obtain the best display efficiency. OSD Windows display is function selection |

## LED Power indicator

| LED | function |
|---|---|
| off | No Power |
| green | active |
| yellow | Standby |