

- 24 inches FHD.
- Wide viewing angle and high brightness.
- Integrated Quad Core ARM CPU.
- Optional touch panel.
- Fully configurable manual and automatic dimmer.
- Slim frame and reduced depth.
- Wide power supply options available.
- Extended range operating temperature.
- LED backlight lifetime min. 50.000h.

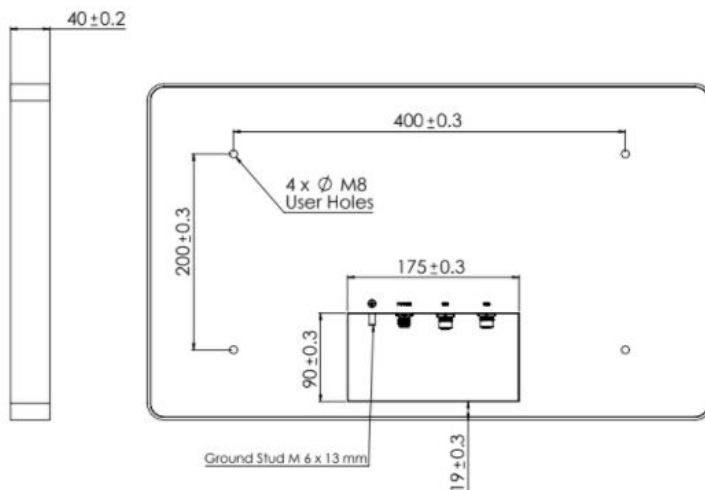
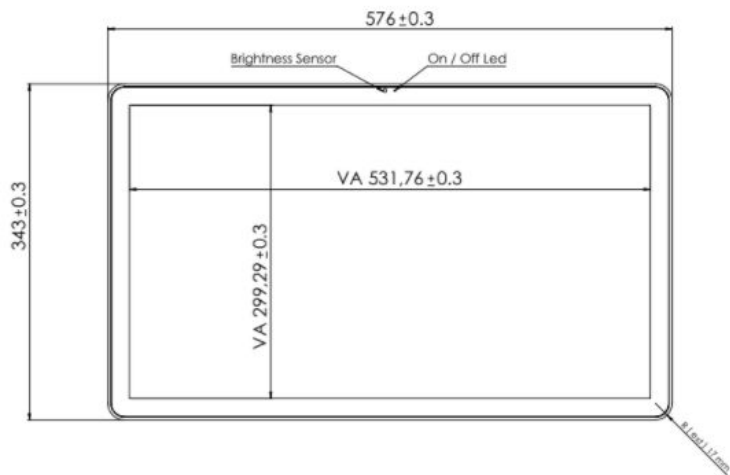


| General Specification      |  |
|----------------------------|--|
| Size                       | 24 inches  |
| Resolution / Aspect        | 1920 x 1080px / 16:9                                       |
| Inputs                     | Ethernet / USB   |
| Audio                      | Optional Audio Output                                      |
| Touch                      | Resistive 5 Wires / Projected Capacitive / None            |
| Power Supply               | 9-36V DC / 43-160VDC / 14-160VDC                           |
| Power Consumption          | 40W Max.   |
| MTBF / Lifespan            | Controller and LCD: 100.000h Backlight: min. 50.000h       |
| Warranty                   | 36 months  |
| Certification              | EN50155*, EN 45545*  |
| Mounting Type              | Stand Alone, rear custom fixtures                          |
| Mechanical and Environment |  |
| Dimension                  | 576 x 343 x 40mm (see drawing for details)                 |
| Weight                     | 6.5 Kg   |
| Enclosure                  | Steel and Aluminum, Powder Paint                           |
| Operation Temp.            | -20°C to 60°C  |
| Storage Temp.              | -25°C to 70°C  |
| Vibrations / Shock         | 1G 2-500Hz / 10G 11ms                                      |
| Optical Specification      |  |
| Brightness                 | 300 nits, LED backlight.                                   |
| Dimmer                     | Fully configurable Dimmer with Internal Sensor             |
| Contrast ratio             | 5000:1   |
| Viewing Angle              | 178° H, 178° V   |
| Response Time              | 25 ms  |
| Optical Finish             | Anti-glare / Anti-reflective / None                        |
| Enhancements               | Sunlight Readable and Transflective Enhancements Available |

\*Upon request

| CPU Specification |  |
|-------------------|--|
| Cores             | Quad-core ARM Cortex-A17                 |
| Frequency         | 1.8GHz                                   |
| DDR               | Upto 4G DDR4                             |
| Graphics          | Mali-T760 MP4 GPU                        |
| Storage           | Internal 8 to 16G eMMC , external TF/SD  |
| Watchdog          | Configurable watchdog                    |
| I/O               |  |
| Ethernet          | 1 x Base10/100, M12 Connector D-Coded    |
| USB               | USB 2.0 x 1 M12 Connector A-Coded        |
| Ignition          | Integrated digital input for IGN control |
| RS232/485         | Optional RS232 / RS485 Port              |
| Digital I/O       | Optional 8 Input or 4 in 4 Out           |
| Video             | Optional DVI / HDMI Output               |
| Audio             | Optional Line In / Line Out              |

**Drawing**



Images



| Ordering Information   |            |           |            |               |           |                 |
|------------------------|------------|-----------|------------|---------------|-----------|-----------------|
| Model                  | Resolution | RAM/Flash | Brightness | Power Supply. | Angle     | Operation Temp. |
| EDF2400-G40-R28-2NSC-9 | 1920x1080  | 2G/8G     | 300 nits   | 72/110Vdc     | 178°/178° | -20° - 60°      |
|                        |            |           |            |               |           |                 |
|                        |            |           |            |               |           |                 |
|                        |            |           |            |               |           |                 |
|                        |            |           |            |               |           |                 |
| Accessories            |            |           |            |               |           |                 |
|                        |            |           |            |               |           |                 |
|                        |            |           |            |               |           |                 |
|                        |            |           |            |               |           |                 |