



### ■ Canvas Designer Software

- MQTT (SparkPlug), OPC UA, EtherNet/IP, Modbus, Siemens S7 Protocol, and more
- 21 CFR Part 11 FDA compliance
- PDF viewer
- SMTP Email Service

### ■ Approvals

- **UL:** UL61010-1 / UL61010-2-201 (E231117)
- **CE:** Electromagnetic Compatibility Directive 2014/30/EU (EMC)
- **FCC:** The 47 CFR, Part2, Part15 and Part 18 of FCC Requirement
- **KC:** Registration of Broadcasting and Communication Equipments
- **Protection Class:** IP65 (front), NEMA 4X, 12, 13



<b>LCD Size</b>	15 inch Wide TFT Color
<b>Colors</b>	16.7M colors
<b>Resolution</b>	1024 × 768
<b>Backlight</b>	LED
<b>Luminance</b>	500 cd/m <sup>2</sup>
<b>Backlight Life</b>	70,000 hours
<b>Touch Panel</b>	4 Wire Resistive
<b>Memory</b>	1 GB DDR3
<b>Storage</b>	8 GB eMMC
<b>SD Card</b>	1 SD slot
<b>COM1</b>	RS-422/485
<b>COM2/COM3</b>	RS-232
<b>Ethernet</b>	Gigabit (RJ45), 2 ports
<b>USB Host</b>	2 ports
<b>Tool Port</b>	1 USB mini-B
<b>Audio</b>	1 port
<b>Front Bezel</b>	Aluminum
<b>Rated Voltage</b>	-D: DC24 V (Class 2)
<b>Power Consumption</b>	15W (MAX: 26W)
<b>OS</b>	Embedded Linux
<b>Weight</b>	4.4 kg (9.7 lbs)
<b>Dimension</b>	395 × 310 × 86 mm (15.55 × 12.2 × 3.39 in)
<b>Panel Cut</b>	382 × 297 mm (15.04 × 11.69 in)
<b>Operating Temperature</b>	0°C – 65°C (32°F – 149°F)
<b>Storage Temperature</b>	-20°C – 65°C (-4°F – 149°F)
<b>Operating Humidity</b>	10–90% RH (below 29°C/84.2°F, not condensed)
<b>Storage Humidity</b>	10–90% RH (below 39°C/102.2°F, not condensed)
<b>Environment Condition</b>	800 hPa–1114 hPa (2000 m/6,500 ft or less)
<b>Dust</b>	≤ 0.1mg/m <sup>3</sup> (No conductive dust allowed)
<b>Pollution Degree</b>	≤ Pollution Degree 2
<b>Operating Ambience</b>	No corrosive gas or dust
<b>Noise Resistance</b>	Impulse, EFT/Burst, Surge, ±2 kV, 1 us
<b>Static Discharge Resistance</b>	4 kV (Contact Discharge), 8 kV (Air Discharge) (IEC 61000-4-2)
<b>Concussion Resistance</b>	JIS B 3502, IEC/EN 61131-2 compliant 147 m/s <sup>2</sup> , X, Y, Z directions for ±3 times (Total 18 times)
<b>Vibration Resistance</b>	JIS B 3502, IEC/EN 61131-2 compliant 5–9 Hz Single amplitude: 3.5 mm 9–150 Hz Fixed acceleration: 9.8 m/s <sup>2</sup> X, Y, Z directions for 10 cycles (approx. 100 min)