

## 12.1" Industrial Touch Monitor with Capacitive or Resistive Touch Screen

### Overview

The DPM-1120 is an 12.1-inch 4:3 industrial monitor designed for industrial applications. It features a projected capacitive multi-touch or 5-wire resistive touchscreen, housed within a highly durable metal casing, providing front panel IP65-rated protection from water and dust ingress. It supports three signal interfaces via VGA, DP/HDMI, and DVI. Furthermore, the ultra-thin design of the DPM-1120 enables both VESA 100 mount and panel mount installation, simplifying the installation process in different applications.

### Features

- 12.1" LED-backlit LCD with capacitive or resistive touch screen
- 1x VGA, 1x DVI, 1x DP/HDMI, 1x USB2.0
- DC-IN 12 to 24V
- Supports VESA 100 mount and panel mount
- IP65 compliant front panel



Operating Temp.



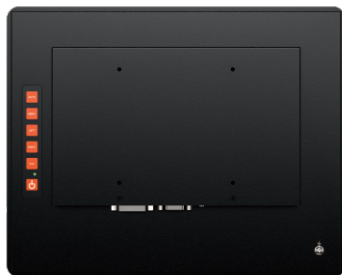
IP65



Touch Display



### I/O Interfaces



## Specifications

|                        |   |
|------------------------|---|
| <b>Display</b>         |   |
| Size                   | 12.1 inch   |
| Touch Type             | Projected capacitive multi touch/5-wire resistive touch (optional)        |
| Transmittance          | 87% (capacitive) / 80% (resistive)  |
| Control Interface      | USB   |
| Surface Hardness       | ≥7H<br>≥3H  |
| Resolution             | 1024 x 768  |
| Luminance              | 450 nits  |
| Contrast Ratio         | 1000: 1   |
| View Angles            | 80 (left), 80 (right), 80 (up), 80 (down)                                 |
| LED Lifetime           | 50,000 hrs  |
| Color                  | 16.7M   |
| <b>I/O Ports</b>       |   |
| USB                    | 1x USB 2.0  |
| Display                | 1x DP/HDMI (select one), 1x VGA, 1x DVI                                   |
| <b>Power</b>           |   |
| Button                 | Yes   |
| DC Input               | 12 to 24VDC   |
| Power Connector        | Button  |
| Power Consumption      | 10W   |
| Power Adaptor          | AC-DC, 12V@5A, 60W  |
| <b>Mechanical</b>      |   |
| Dimensions (W x D x H) | 310x 248 x 41.5 mm (12.2 x 9.7 x 2.4 inches)                              |
| Weight (N.W.)          | 2.45 kg (8.3 lbs)   |
| Mounting               | Panel mount, wall mount bracket VESA 100                                  |
| Material               | Aluminum alloy panel, all-metal chassis                                   |
| <b>Environment</b>     |   |
| Operating Temperature  | -10 to 50°C (14 to 122°F)   |
| Storage Temperature    | -20 to 60°C (-4 to 140°F)   |
| Relative Humidity      | 10% to 95% @ 40°C (104°F), non-condensing                                 |
| Vibration              | 5 to 500Hz, 0.026 G <sup>2</sup> /Hz, 2.16 Grms, X, Y, Z, 1 hour per axis |
| IP Rating              | IP65 compliant (for front panel)  |
| <b>Certification</b>   |   |
| EMC                    | CE FCC  |
| <b>Packing List</b>    |   |
| Packing List           | 1x DPM-1120<br>8x panel mounting buckles<br>1x warranty card              |

## Dimensions

