

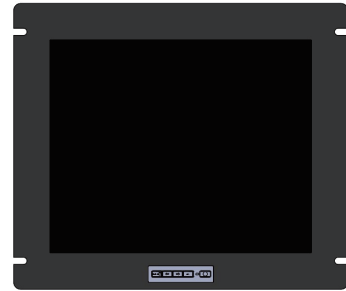
# FPD-19-P-A

## 19 Inch Monitor for Nuclear Power Plant

### GENERAL

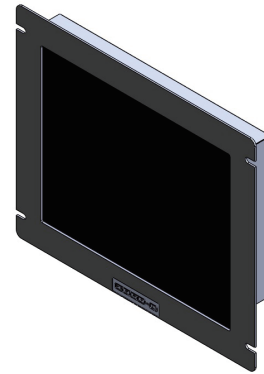
This specification defines the descriptions for the FPD-19-P-A Monitor. FPD series is developed for use in operator display in newclear power plant applications.

FPD series are subject to strict quality tests performed both internally by RG 1.180, IEEE 344/323, IEC61000-4-2, UL94.



### KEY FEATURES

- 19 inch panel
- 1280 X 1024, 800 X 600 resolutions
- Digital DVI, Analog VGA, DP Input Signal
- Panel Mounting Type
- Power Range : 120VAC  $\pm$  20% 50/60Hz, 24VDC  $\pm$  10%



### GENERAL FEATURE

| Section              | Specifications  |
|----------------------|---|
| Viewable Size        | 19 inch diagonal  |
| Active Area          | 376.3 mm(H) x 301.1 mm(V)   |
| Resolution           | 1280 X 1024, 800 X 600  |
| Pixel Pitch          | 0.294 x 0.294   |
| Asept Ratio          | 4 : 3   |
| Response Time        | Less than 35ms  |
| Brightness           | More than 800nit  |
| Contrast Ratio       | More than 800:1   |
| Viewable Angle       | V/H 170°, L/R 170°  |
| Max Colors           | 16.7 Million colors   |
| Optimal Resolution   | 1280 X 1024, 800 X 600  |
| Input Signal         | 1 x VGA, 1 x DP, 1 x DVI, (1 x RS232, 1 x USB for Touch Panel)  |
| Power Specification  | 120VAC $\pm$ 20% 50/60Hz(IEC Standard AC Inlet), 24VDC $\pm$ 10%  |
| Power Consumption    | Less than 50W   |
| Product Dimensions   | 482.0 $\pm$ 2.0 x 405.0 $\pm$ 2.0 x 101.0 $\pm$ 2.0(mm)   |
| Operation Conditions | 0°C ~ 50°C  |
| Storage Conditions   | -20°C ~ +60°C   |
| Product Weight       | 9.5kg ( $\pm$ 0.5)  |
| Package Weight       | 11.9kg ( $\pm$ 1.0)   |
| Touch Screen         | Capacitive Touch Screen<br>Serial(DB9), USB<br>AG Glass Haze 7% $\pm$ 4<br>OS Support (QNX6.3.2, 6.5, 7.1 / Windows 10, 11) |
| NOTE                 | The power input terminal must be able to connect to 12AWG or larger wire (including lug).                                   |
| Test Approval        | RG 1.180, IEEE 323/344, IEC61000-4-2, UL94  |

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