



SW Monitor

Datasheet

SW | Monitor

DYNICS SW Monitor is a panel mount industrial monitor available in various display sizes, with optional touch screen capabilities.

Key Features

- Proprietary System Drop-In Replacement
- Fan-less
- 100~240VAC / 24VDC
- UL Certified

Display Specifications

Size	Resolution	View Angle	Contrast	Brightness	Aspect Ratio
12.1"	WXGA 1280 x 800	H: -80°/+80°, V: -80°/+80°	750:1	450 nits	8:5
15.6"	FHD 1920 x 1080	H: -80°/+80°, V: -80°/+80°	800:1	600 nits	16:9
18.5"	FHD 1920 x 1080	H: -85°/+85°, V: -85°/+85°	1500:1	400 nits	16:9
21.5"	FHD 1920 x 1080	H: -89°/+89°, V: -89°/+89°	5000:1	300 nits	16:9
24"	FHD 1920 x 1080	H: -89°/+89°, V: -89°/+89°	3000:1	300 nits	16:9
Lens	5-Wire Analog Resistive (Touch Screen) / Protective Polycarbonate Lens (Non-Touch)				
LCD Life	50,000 Hour Backlight Half-Life				
Enclosure	NEMA 4 Powder Coat Finish / NEMA 4X Stainless Steel				
Power Entry	100~240VAC / 24VDC Power Entry				
Temperature	Operating: 0° - 50°C (32° - 122°F) Non-Operating: -25° - 60°C (-13° - 140°F)				
Compliance	USA: UL 60950-1 (UL Listed), FCC 47 CFR Part 15, Class A Canada: CSA C22.2 No. 60950-1-07 (cUL Listed), ICES-001, Group 1, Class A European Union CE: EN 60950-1, EN 61326-1, CISPR 11, Group 11, Group 1, Class A European Union Directive 2011/65/EU (RoHS)				
Warranty	24-Month limited warranty. Extended warranty available, contact DYNICS for details.				

Dimensions, Weight and Power Consumption

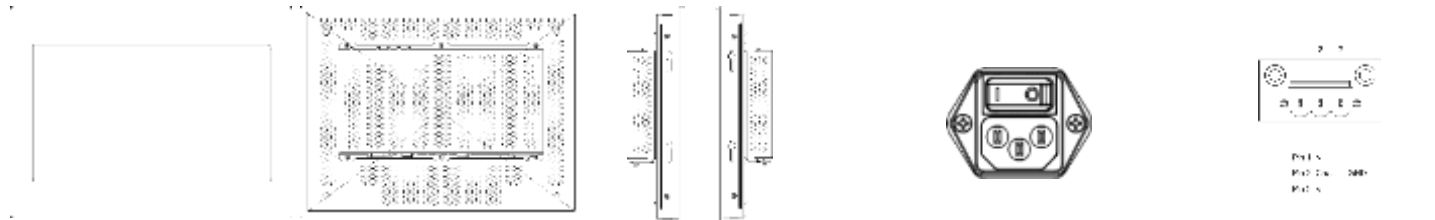
	12"	15"	19"	22"	24"
Height (Bezel)	9.488" (241.0mm)	12.205" (310.0mm)	13.268" (337.0mm)	14.961" (380.0mm)	15.500" (393.7mm)
Width (Bezel)	12.992" (330.0mm)	16.339" (415.0mm)	19.016" (483.0mm)	22.047" (560.0mm)	24.640" (625.9mm)
Height (Cutout)	8.700" (221.0mm)	11.417" (290.0mm)	12.520" (318.0mm)	14.213" (361.0mm)	14.350" (364.5mm)
Width (Cutout)	12.205" (310.0mm)	15.551" (395.0mm)	18.268" (464.0mm)	21.390" (543.3mm)	23.490" (596.6mm)
Depth	2.900" (73.7mm)	2.900" (73.7mm)	2.900" (73.7mm)	2.900" (73.7mm)	2.900" (73.7mm)
Weight	8 lbs.*	20 lbs.*	21 lbs.*	25 lbs.*	30 lbs.*
Power Consumption	15 Watts**	20 Watts**	30 Watts**	40 Watts**	65 Watts**

*Weights are approximate, contact DYNICS for details.

**Power Consumption based on maximum ratings, actual ratings vary significantly based on components used.

Mechanical Drawings

Front and Back View Side View 100~240VAC Power Entry 24VDC Power Entry



All measurements are in inches and pounds, unless noted. Pictures and drawings are not to scale. Estimated weight may change depending on options. DYNICS reserves the right to change, modify, upgrade, or discontinue any part of this datasheet without any prior notice.

