

SW-MONITOR



SW | Monitor

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

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

DISPLAY SPECIFICATIONS

SIZE	12.1"	15.6"	18.5"	21.5"	24"
RESOLUTION	WXGA 1280 x 800	FHD 1920 x 1080	FHD 1920 x 1080	FHD 1920 x 1080	FHD 1920 x 1080
VIEW ANGLE	H: -80°/+80° V: -80°/+80°	H: -80°/+80° V: -80°/+80°	H: -85°/+85° V: -85°/+85°	H: -89°/+89° V: -89°/+89°	H: -89°/+89° V: -89°/+89°
CONTRAST	750:1	800:1	1500:1	5000:1	3000:1
BRIGHTNESS	450 nits	600 nits	400 nits	300 nits	300 nits
ASPECT RATIO	8:5	16:9	16:9	16:9	16:9
LENS	5-Wire Analog Resistive (Touch Screen) / Protective Polycarbonate Lens (Non-Touch)/ Projective Capacitive Touch				
LCD LIFE	50,000 Hour Backlight Half-Life				
ENCLOSURE	NEMA 4 Powder Coat Finish (Black) / NEMA 4X Stainless Steel				
POWER ENTRY	100~240VAC (3-Pin) / 24VDC (3-Pin) Power Entry				
TEMPERATURE	Operating: 0° - 50°C (32° - 122°F) Non-Operating: -25° - 60°C (-13° - 140°F)				
COMPLIANCE	USA: UL 61010-1 (UL Listed), FCC 47 CFR Part 15, Class A Canada: CSA C22.2 No. 61010-1-12 (cUL Listed), ICES-001, Group 1, Class A European Union CE: EN 50581, EN 61326-1, CISPR 11, Group 1, Class A European Union Directive 2011/65/EU (RoHS)				
WARRANTY	60-Month limited warranty.				

DIMENSIONS, WEIGHT AND POWER CONSUMPTION

	12.1"	15.6"	18.5"	21.5"	24"
HEIGHT (BEZEL)	9.5" (241.0mm)	12.2" (310.0mm)	13.3" (337.0mm)	15.0" (380.0mm)	15.5" (393.7mm)
WIDTH (BEZEL)	13" (330.0mm)	16.3" (415.0mm)	19.0" (483.0mm)	22.0" (560.0mm)	24.6" (625.9mm)
HEIGHT (CUTOUT)	8.7" (221.0mm)	11.4" (290.0mm)	12.5" (318.0mm)	14.2" (361.0mm)	14.4" (364.5mm)
WIDTH (CUTOUT)	12.2" (310.0mm)	15.6" (395.0mm)	18.3" (464.0mm)	21.4" (543.3mm)	23.5" (596.6mm)
DEPTH	2.9" (73.7mm)	2.9" (73.7mm)	2.9" (73.7mm)	2.9" (73.7mm)	2.9" (73.7mm)
WEIGHT	8 lbs.*	20 lbs.*	21 lbs.*	25 lbs.*	30 lbs.*
POWER CONSUMPTION	15 Watts**	20 Watts**	35 Watts**	40 Watts**	65 Watts**

* Weights are approximate, contact DYNICS for details.

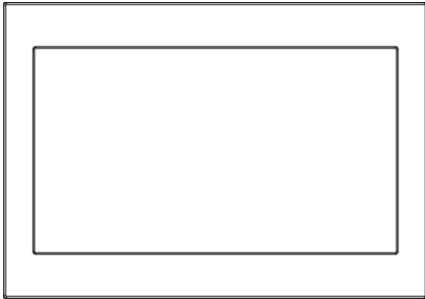
** Power consumption is based on maximum ratings, actual ratings vary significantly based on components used.



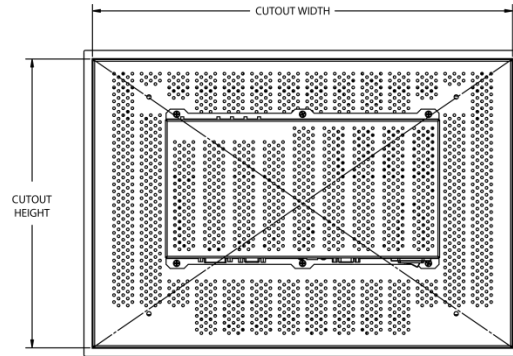
SW-MONITOR



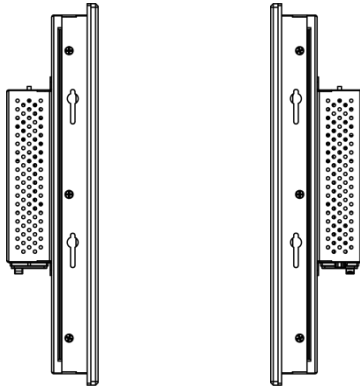
MECHANICAL DRAWINGS FRONT VIEW



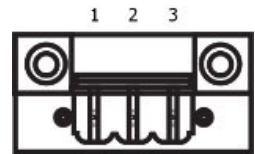
BACK TOP VIEW



SIDE VIEWS

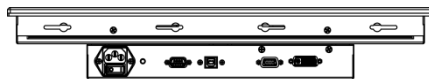


POWER ENTRY OPTIONS



PIN 1: V+
 PIN 2: \perp (Chassis GND)
 PIN 3: V-

IO VIEW AC



AC CONFIGURATION

IO VIEW DC



DC CONFIGURATION

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.

