

SHW MONITOR



SHW | Monitor | Competitive Alternative to Hope Industrial Monitors

DYNICS SHW Monitor is a panel mounted competitive alternative with a NEMA 4 / NEMA 4X rating. Pairing this rugged display with one of several DYNICS industrial computers creates a complete PC solution in a slim panel format for many industrial environments.

Our competitive Monitor was designed to take on the competition and provide you with what we feel is the best priced industrial monitor on the market that keeps the Dynics quality you've come to know and trust.

- DVI and VGA Video Inputs
- Price Matching
- 100~240VAC / 24VDC
- 60-Month Limited Warranty
- UL Certified
- Stainless Steel Option

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)				
LCD LIFE	50,000 Hour Backlight Half-Life				
ENCLOSURE	NEMA 4 Powder Coat Finish (Black) / NEMA 4X Stainless Steel				
I/O					
Analog VGA Port	1x				
HDMI Port	1x				
DisplayPort	1x				
USB B (Touch)	1x (output)				
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.				



SHW-MONITOR



DIMENSIONS, WEIGHT AND POWER CONSUMPTION

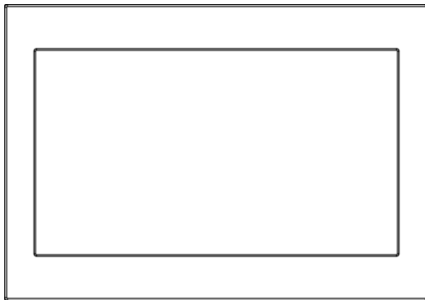
	12.1"	15.6"	18.5"	21.5"	24"
HEIGHT (BEZEL)	9.488" (241.0mm)	12.205" (310.0mm)	13.268" (337.0mm)	14.961" (380.0mm)	15.500" (393.7mm)
WIDTH (BEZEL)	12.992" (330.0mm)	16.339" (415.0mm)	19.016" (483.0mm)	22.047" (560.0mm)	24.640" (625.9mm)
HEIGHT (CUTOUT)	8.700" (221.0mm)	11.417" (290.0mm)	12.520" (318.0mm)	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**	35 Watts**	40 Watts**	65 Watts**

* Weights are approximate, contact DYNICS for details.

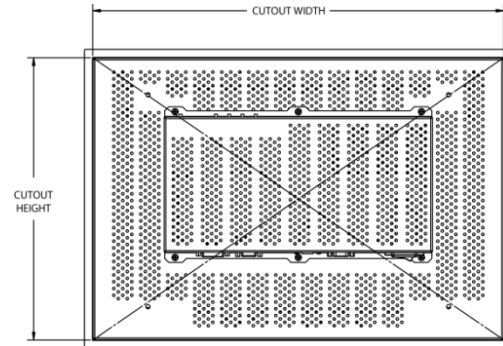
** Power consumption is based on maximum ratings; actual ratings vary significantly based on components used.

MECHANICAL DRAWINGS

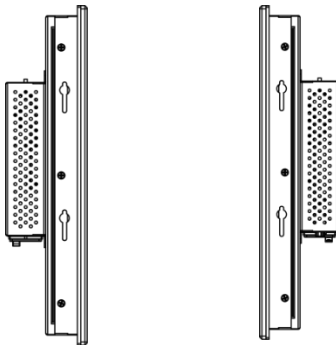
FRONT VIEW



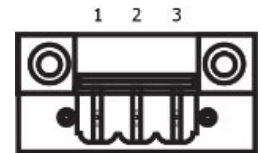
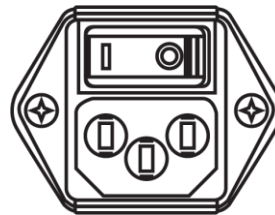
BACK TOP VIEW



SIDE VIEWS



POWER ENTRY OPTIONS



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

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.

