

## 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 (No Moving Parts)

### DISPLAY SPECIFICATIONS

SIZE	12.1"	15.6"	18.5"	21.5"	24"
<b>RESOLUTION</b>	WXGA 1280 x 800	FHD 1920 x 1080	FHD 1920 x 1080	FHD 1920 x 1080	FHD 1920 x 1080
<b>VIEW ANGLE</b>	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°
<b>CONTRAST</b>	750:1	800:1	1500:1	5000:1	3000:1
<b>BRIGHTNESS</b>	450 nits	500 nits	400 nits	300 nits	300 nits
<b>ASPECT RATIO</b>	8:5	16:9	16:9	16:9	16:9
<b>LENS</b>	5-Wire Analog Resistive (Touch Screen) / Protective Polycarbonate Lens (Non-Touch) / Projective Capacitive Touch (Not available with Stainless Steel version)				
<b>LCD LIFE</b>	50,000 Hour Backlight Half-Life				
<b>ENCLOSURE</b>	NEMA 4 Powder Coat Finish (Black) / NEMA 4X Stainless Steel				
<b>I/O</b>	Analog VGA Port: 1x HDMI Port: 1x DisplayPort: 1x USB B (Touch): 1x (output)				
<b>POWER ENTRY</b>	100~240VAC (3-Pin) / 24VDC (3-Pin) Power Entry				
<b>TEMPERATURE</b>	Operating: 0° - 50°C (32° - 122°F) Non-Operating: -25° - 60°C (-13° - 140°F)				
<b>INCLUDED COMPLIANCE</b>	1x 6ft. Power Cable (AC Only)   1x 3-Pin Quick Disconnect (DC Only) 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)				
<b>WARRANTY</b>	60-Month limited warranty.				

### DIMENSIONS, WEIGHT AND POWER CONSUMPTION

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

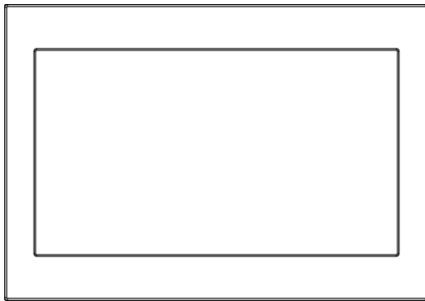
\* Weights are approximate, contact DYNICS for details.

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

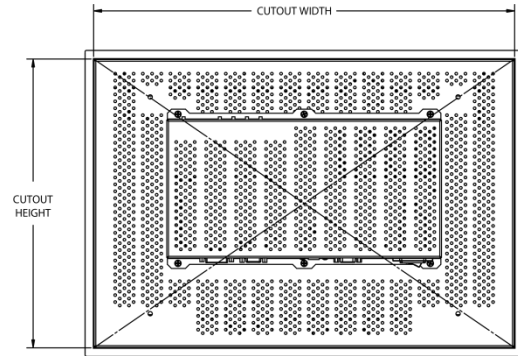
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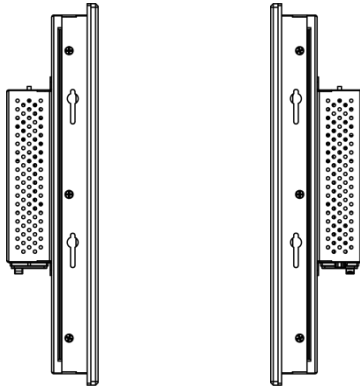
### MECHANICAL DRAWINGS FRONT VIEW



### BACK TOP VIEW



### SIDE VIEWS

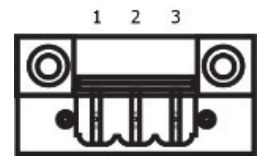


### POWER ENTRY OPTIONS

#### 100~240VAC (3-Pin)

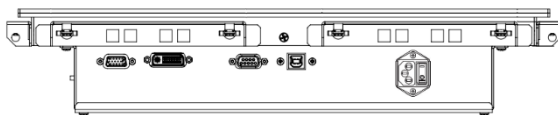


#### 24VDC (3-Pin)

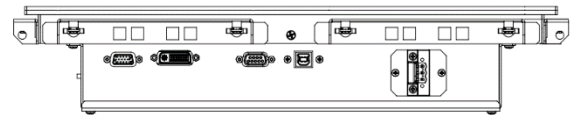


PIN 1: V+  
 PIN 2: ⏏ (Chassis GND)  
 PIN 3: V-

### IO VIEW: AC



### IO VIEW: DC



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.

