

HSW



HSW | Enclosed Unit with Integrated PC

DYNICS HSW is a fully sealed integrated workstation in an IP67 rated enclosure built to withstand water and ambient pollutants. The HSW is equipped with a Braswell quad core processor, making it a highly proficient workstation for food grade applications in caustic environments.

- 24VDC (4-Pin)
- Overlay Touch Screen
- NEMA 4X Stainless Steel 316 Food Grade
- VESA/Wall Mount Bracket Mount System with Up to 20° Tilt

DISPLAY SPECIFICATIONS

	15.6"	18.5"
SIZE	FHD 1920 x 1080	FHD 1920 x 1080
RESOLUTION	H: -80°/+80° V: -80°/+80°	H: -85°/+85° V: -80°/+80°
VIEW ANGLE	800:1	1500:1
CONTRAST	600 nits	400 nits
BRIGHTNESS	16:9	16:9
ASPECT RATIO	Overlay Analog Resistive Touchscreen	
LENS	50,000 Hour Backlight Half-Life	
LCD LIFE	NEMA 4X Stainless Steel 316 Food Grade / IP67	
ENCLOSURE		

PC SPECIFICATIONS

	Braswell	Skylake-U 6th Gen Intel®
COMPUTER I/O	2x	2x
1Gb Ethernet Ports	2x	2x
USB 3.0 Ports		
CPU	CPU Braswell N3160	Intel® Core™ i5 6300U / i7 6600U
CPU SPEED	1.6GHz Base, 2.24GHz Turbo (4 Cores, 4 Threads)	i5 – 2.4GHz Base, 3.0GHz Turbo (2 Cores, 4 Threads) i7 – 2.6GHz Base, 3.4GHz Turbo (2 Cores, 4 Threads)
MEMORY	Up to 8GB DDR3	Up to 16GB DDR4
STORAGE	240GB – 2TB SATA SSD / 1TB HDD	
OPERATING SYSTEM	-Windows® 7 Professional (64-bit) - Windows® Embedded Standard 7 (64-bit) -Windows® 10 Enterprise IoT LTSC 2016 (64-bit) -Windows® 10 Enterprise IoT LTSC 2019 (64-bit) -Linux Ubuntu	
POWER SUPPLY	24VDC (4-Pin) Power Entry (Quick Disconnect Included)	
TEMPERATURE	Operating: 0°-50°C 32°-122°F Non-Operating: -25°-60°C -13°-140°F	
RELATIVE HUMIDITY	Non-Condensing: 20% - 80%	
SHOCK RESISTANCE	Operating: 10G Non-Operating: 15G	
VIBRATION	Operating: 1.0G from 57~2000Hz Non-Operating: 2.5G from 57~2000Hz	
INCLUDED	1x 6 ft. Power Cable	
OPTIONAL	D-Coded M12 Ethernet Connector / X-Coded M12 Ethernet Connector/ RJ45 Capped Ethernet Connector	
COMPLIANCE	European Union Directive 2011/65/EU (RoHS)	
WARRANTY	24-Month limited warranty. Extended warranty available, contact DYNICS for more details.	





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DIMENSIONS, WEIGHT AND POWER CONSUMPTION

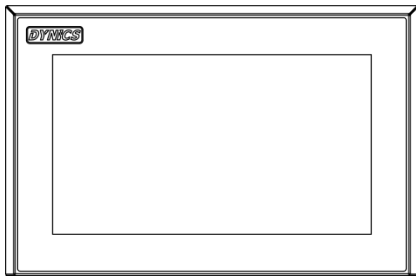
	15.6"	18.5"
HEIGHT	13.7" (349.8mm)	13.7" (348.2mm)
WIDTH	18.4" (469.4mm)	20.9" (533.3mm)
DEPTH	3.3" (86.2mm)	3.3" (86.2mm)
WEIGHT	25 lbs.*	20 lbs.*
POWER CONSUMPTION	40 Watts**	45 Watts**

*Weights are approximate, contact DYNICS for details.

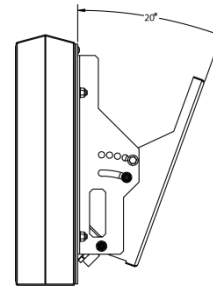
**Power Consumption based on maximum ratings, actual ratings vary significantly based on components used.

MECHANICAL DRAWINGS

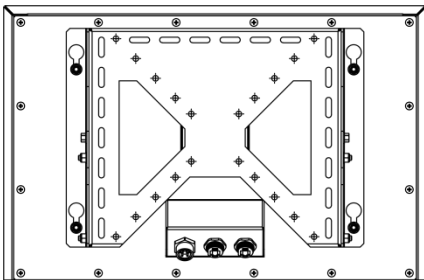
FRONT VIEW



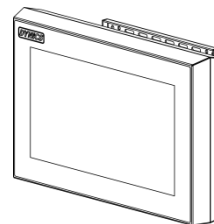
SIDE VIEW



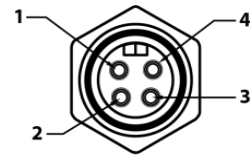
BACK VIEW



ISOMETRIC VIEW



POWER ENTRY
(4-Pin) 24VDC



- 1 0VDC
- 2 0VDC
- 3 +24VDC
- 4 +24VDC

